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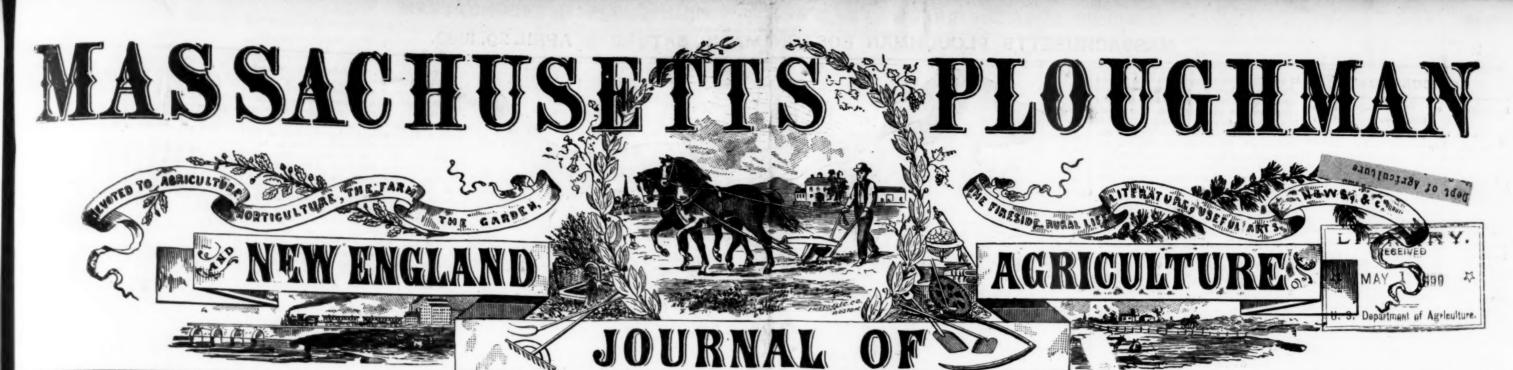
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BOSTON, MASS., SATURDAY, APRIL 29, 1899.

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WASSACHUSETTS PLOUGHMAN Organ of the N. E. Agricultural Society

WASSACHUSETTS PLOUGHMAN PUB. CO., Publishers"and Proprietors, A. N. DARLING, Secretary.

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\$2.00 per annum, in advance. \$2.50 if not No paper discontinued, except at the option of the

proprietor until all arrearages are paid. All persons sending contributions to THE Correspondence from particular farmers, giving the results of their experience, is solicited. Letters should be signed with the writer's real name, in full, which will be printed or not, a the writer may wish.

THE PLOUGHMAN offers great advantages to ad

AGRICULTURAL.

Making Farms Worth More. W hen a farmer buys a farm, one of his first thoughts is how he can increase its value, and thereby, of course, increase his wealth. Making the soil richer seems at first to be the only way. But to make an entire farm richer while constantly cropping and selling produce from it is up-hill work. In most cases, on new land what the farmer does to make it more productive results in lessening soil fertility. For a long time the farm may be steadily growing poorer, while it is each year grain crops cannot be grown without an application of these minerals to each crop, farmers have adopted that method. They manure for the grop rather than for the and, and feel well satisfied if in each crop

but to all the farmers in the neighborhood. than in other animals.

portant to him than that. If his land its value as a feed for breeding animals. produce enough for his stock of and fead to it, producing only corn fodder and some clover for coarse feed to go with

of greater soil exhaustion, that must be in a single crop, and clover will bear cutand crops, and pay more attention to their tings do not yield so much as the first. Is not this a much better outlook for profit than relying on making something from a crop which the land has produced after paying all the expenses of plowing, planting.

Is not this a much better outlook for profit of green fodder have been grown with corn in the best way and with the food best two or three cents more for our butter if we can deality either good or bad decides the proportioned for butter making. This, then, water, it was sweetened water and conting all the expenses of plowing, planting.

In nutriment per acre. Twenty to 25 tons of green fodder have been grown with corn in the best way and with the food best two or three cents more for our butter if we can deality of the stock turnedout, which have been added to our fairs until two or three cents more for our butter if we can deality of the stock turnedout, and quality either good or bad decides the maker, it was sweetened water and conting the proportioned for butter making. This, then, would have only the points of absolute tory."

That is strong to study the principles of feeding in the best way and the butter, and we could get two or three cents more for our butter if we can deality of the stock turnedout, which have been added to our fairs until two or three cents more for our butter if we can deality of the stock turnedout, and quality either good or bad decides the market value of the butter.

That is strong to study the principles of feeding in the best way and with the food best two or three cents more for our butter if we can deality of the stock turnedout, which have been added to our fairs until two or three cents more for our butter if we can deality of the stock turnedout, and quality either good or bad decides the market value of the butter.

That is strong to strong the points of each turnedout, and quality either good or bad decides the market value of the butter.

That is strong to strong the points of the stock turnedout, and quality either good or bad decides the market value of the butter.

The profit is a fair to strong th cultivation, protection from insects and blight, harvesting and marketing? When a farmer once realizes what he has to do before he can grow a crop and put it into money, he will be apt to wonder how he ever came to think of making money that way. If he does make any money, he has certainly earned it all.

It is often said that some men work hard all their lives and after all have nothing to paid in advance. Postage free. Single copies show for it, while others who take things more easily find wealth coming to them from unexpected sources. It is easy to guess if these different classes are farmers; that the man who works hardest and has PLOUGHMAN for use in its columns must sign their name, not necessarily for publication, but trying to make land rich, while all the state of the consciously their name. as a guarantee of good faith, otherwise they wil | doing his best to get the largest crops from be consigned to the waste-basket. All matter it; while the man who makes money easily ded for publication should be written on has had the good sense to secure the best intended for publication should be possible stock, and by its increase possible stock, and by its increase make both himself and his farm rich. This is the purpose that most farmers try to aim for, and with the easy plan of keeping valuable stock and letting it grow on their hands 50 to 100 per cent. every year plain before them, it seems surprising that more vertisers. Its circulation is large and among the most active and intelligent portion of the com farmers do not succeed. The truth is, however, that there is as great difference in stock as to paying its way as there is in crops. Some stock never has paid and never will. To have this inferior stock double each year on a farmer's hands only results in making him each year poorer than he was before, because it is sure to eat more than it will ever be worth.

Making Most of Skimmilk.

tains practically no practical loss of its square foot bears its stalk to contribute to nearly every one of the patrons to be parnutritive value. Even for putting on fat such a result. The largest yields must ticular in this matter. the loss of the cream can for most animals leave some spaces between the rows to allow be supplied in cheaper forms, not perhaps cultivation. It is probable, also, that the Chester and Delaware counties in Pennsylhave been, but producing quite satisfactory on corn whose stalks are far enough apart the farmers, to meet regularly to discuss all results. The nutrition in the skimmilk to produce some ears. A barren stalk, matters connected with dairying and handproducing bigger crops and giving its owner a larger income. All the manure the farmer alarger income. All the manure the farmer applies has its value returned in one or two crops, and these take also from the soil some kinds of fertility that the manure itself did not supply to them. Wherever phosphate and potash have become so exhausted that grain crops cannot be grown without an grain crops cannot be grown and giving its owned and potash have becomes a larger income. A barren stalk, especially if crowded so that light does not ling of dairy products, is one that might cannot be so readily replaced. Hence the especially if crowded so that light does not ling of dairy products, is one that might cannot be specially if crowded so that light does not ling of dairy products, is one that might be seleves somewhat as follows:

"Why will it pay me to buy the best form, the stalk becomes and the knowledge they need the knowledge they need the knowledge they need to it, remains tastless all the season. Set while the initiated in many sections. Few when the solitors of the stalk products, is one that might be all the season.

So soon as the ears form, the stalk becomes of the stalk remained over the best by need to it, remains tastless all the season.

So soon as the ears form, the stalk becomes of the stalk remained over the products, is one that might be imitated in many sections. Few when it ossis and intercogne that it products, is one that might be mitted in many sections. Few while the sheep, which often leads it to young pigs than to any other animals. It has only one drawback, it is hard to digest, especially if fed alone and cold. To dilute stake white and worth very little as might be bewildered among a multitude of distributed by the ladies are growth was often produced. But the information they most needed, or they especially if fed alone and cold. To dilute the milk, and at the same time combine it seed. Cattle always prefer to eat the counselors, not two of whom would be situwith carbonaceous nutrition by adding grain meal to it, should be the object of the crop of corn.

always sell for what it will pay the inter-est on after defraying the cost of cultiva-if it, is much better than milk itself. Fowls tion. Sometimes better cultivation alone will only eat a limited amount of either deal of work to fit their large roots for ecothat nature furnishes, and turns it into as the flock becomes subject to disease. Press supersede corn as our main fodder crop in many forms as he chooses, and of kinds that the curd dry and then mix with it catment this country. Our soil and climate enable will most likely give him a profit. If he cakes baked hard, and then made fine us to grow this crop more cheaply than it that it is the farm that has made him new ration begins to be given. It is for else to be fed with it. Growing corn and rich makes the farm more valuable than it young chickens that this ration is espethat what one man has done some one else should be fed with it, as, however hard the as the clover is growing it is increasing soil may repeat. Thus often the introduction pieces of catmeal cake, they are dissolved fertility rather than decreasing it. As many of a new crop that proves well adapted to very quickly when they get into the fowl's as four or five tons of clover hay have been the land and the climate is the cause of in- gizzard in contact with the gastric juices, cut from an acre in a year, and considering offeased wealth, not merely to one individual which are much more powerful in birds the nitrogenous nutrition in clover, it is the

The discovery that low, mucky land in There are, however, many places where western Michigan was adapted to growing curd cheese has too profitable a demand for celery is an instance of this. The setting human use to be afforded, except most apart of rough land along the shores of the sparingly for hens and chickens. It is graps growing is another instance. It milk curd made into small rolls bring a and profitable crops, so that he can secure farmers are able to sell whole milk for. We a much greater income from land. In pro- have known farmers to try making curd portion as he does this he will be successful. cheese out of whole milk. But there was But spocess to the farmer is after all too much fat in it and lacking the rennet to more apt to come to him incidentally than help fasten the fat with the caseine, most of from the direct product of his land. He the fat is lost. Rubbing the skimmlik curd or by chapping. ands it necessary from the first to stock his cakes with cream, and letting them absorb farm with domestic animals that are re- what they will, helped to keep files away Quired in working it, or to consume prod- and produced a better curd. The question, acts that are otherwise unmarketable. This What is the most profitable use of skimmilk? Stock Increases, and the farmer finds income is a most important one in all dairies where by better feeding, and ultimately by better sold that removes all the casein of the milk, Dreeding, superior strains of stock are pro- leaving the water, sugar and a small porgoed, which will command higher prices, tion of the butter fat, none of which alone much better use of all that they consume. By grain feed to whey, hogs have been put the time a farmer is able to secure or to into excellent condition as porkers, though breed stock of this character, its care becomes so much sugar as the whey contains lessens

How Much Fodder Per Acre?

the grain. This has been the result in a farmer who has much stock is what he scores, and even hundreds, of farms, whose can grow on his land that will produce the Owners set to work at improving their stock as an easier way of making money than the ordinary yields of hay put that out of drink ice-cold water, to stand and shiver in please the eye of the fastidious customer, shows, sometimes with immodest and important the flavor and coneral quality of moral attachments. but simply to certain and soft-shelled crabs still \$7. Fresh tongues a few years of improved stock growing to find that they have made their land so rich that it can a part to per acre, but this will give only a pound of that it can a part to per acre, but this will give only a pound of that it can a part to per acre, but this will give only a pound of the product from outside contamination.

"The separator gave us at least two please the eye of the fastidious customer, but almost and impound and soft-shelled crabs still \$7. Fresh torgues and soft-shelled crabs still \$7. Fresh torgues get by deep setting we got from three to might lower the temperature until she was and that they have made their land so rich that it can be put to uses that at first they have made that at first they have made their land so rich that it can be put to uses that at first they have made their land so rich that it can be put to uses that at first they have made their land so rich the product from outside contamination, and that not the richest, from their way, but which have been introduced to uses that at first they have made their land so rich the product from outside contamination, and that not the richest, from their way, but which have been introduced to uses that at first they have made their land so rich the product from outside contamination, and the product from outside contamination, and the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and off-shelled cross still to the product from outside contamination, and o There are thousands of farmers whose two tons, or 4000 pounds of feed from 43 to Hoard's Dairyman fears that too many of we were credited with for the same milk at "As a butter maker, if I expend dollars idle crowd and to swell the gate receipts, 40 cents a quart. Lobsters lower again, 15 land is poor, and try the best they may, they cannot get manure enough to make it rich.

It they may defer though they had nothing in common with control the creamery. Two handred pounds of milk the creamery though they had nothing in common with control the common with control the common with those who send their milk to the creamery. Two handred pounds of milk the creamery though they had nothing in common with control to make it rich.

It is poor, and try the best they may, they common with control to make it rich.

It is poor, and try the best they may they common with common with those who send their milk to the creamery. Two handred pounds of milk the creamery though they had nothing in common with the If they increase crops by more thorough that this ought to be produced on so large callivation they find that while temporarily their profits are larger, it is at the expense.

compensated for afterward. Why do not they cease thinking so much about their land and grops, and not seem to see they cease thinking so much about their land and grops, and not seem to see they cease thinking so much about their land and grops, and not seem to see they cease thinking so much about their land and grops, and not seem to see they cease thinking so much about their land four times in a season, though the later cut
Indicate they cease thinking so much about their land four times in a season, though the later cut
Improvement.

Indicate they cease thinking so much about their land four times in a season, though the later cut
Improvement.

Indicate they cease thinking so much about their land four times in a season, though the later cut
Improvement. We hope that thi ; saot so. Where the ing to the creamery, and often an hour or mission a rusty milk pail, an old worn-out they are usually well patronized, but a farm stock? If they keep largely of young animals such stock doubles in numbers very quickly, and if it be properly bred it while double in value in the same time. Is not this a much batter outlook for walls. It would save agree. Twenty to 25 tons

We hope that thi part so. Where the ling to the creamery, and often an hour or two walting for our milk. It would save three or four cents for making do not yield so much as the first.

We hope that thi part so. Where the ling to the creamery, and often an hour or two walting for our milk. It would save three or four cents for making do not yield so much as the first.

Undoubtedly the thoughts of most farming, nor is a bicycle our acrating and cooling our night's milk. It would save three or four cents for making do not yield so much as the first.

We hope that thi part so. Where the ling to the creamery, and often an hour or two walting for our milk. It would save three or four cents for making do not yield so much as the first.

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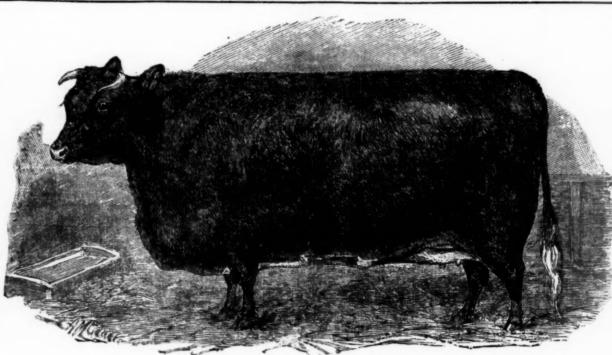
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Undoubtedly the thoughts of most farming, nor is a bicycle our milk it would save three or four milk the best crop to five a first it may show, it is for their in.

Undoubtedly the thoughts of most farming for our milk. It would save three or four milk the best crop to five a first farming for our milk into the creamery, and often an hour or two walting fo



ENGLISH PRIZE FAT SHORTHORN HEIFER.

clover in successi on seems to meet this difbest of all feeds to balance the too carbon-

Dairy Notes.

accous corn ration.

A heifer should always drop her first calf deep small lakes in western New York for liked by almost everybody, and the skim- in the barn, and we would want her stabled nights, carded and brushed every day, and should be every farmer's study to find new price that is greater than a great many her teats and udder handled night and morning for some weeks before she calves. When this is done, and properly, that is gently, done, there is seldom any trouble in handling her or milking her afterward, unless the teats get sore by the calf's teeth

If the calf is allowed to suck her, see that she is milked clean after he gets through, and that the teats are wiped dry, which will do much to prevent their being sore. If the from the sale of its surplus. After awhile, butter is made. If cheese is the product bathe it ten or fifteen minutes in warm water, and rub it dry, trying at the same time to draw any milk that may be in it, for the good reason that they will make so have much feeding value. But by adding two hours. The practice of drawing away may draw down the swollen teat may be efficacions sometimes, but it is too rude surgery to suit us.

Give only warm water, about blood warm, to her or to any cow for a day or two One of the most interesting questions for after calving, and if she has not done well be given to reduce the fever, but medicine

tons per acre, there will be only a pound of handling the milk, so that it may have no dairyman, and he adds that the first year he It is now known that in removing the fodder from each square foot of surface. It offensive odors or flavors added to it, and it raised 36 calves instead of his usual 20, and butter fats by taking off its cream, milk sus- must not be supposed, however, that each would not seem a difficult matter to induce the extra 16 could have been sold for enough

Yet the example of the creameries in quite as digestible as the cream itself would greatest value of nutriment will be found vania, in organizing an association among larger and coarser stalks that had borne a sted alike, or working under similar con- formly saline flavor is imparted to every

land, and feel well satisfied if in each crop the money value of the fertilizer it has used is returned with fair profit.

But there are other ways than making land rich to increase its value. Land will complete the money value of the fertilizer it has used is returned with fair profit.

For poultry a milk curd which is prolated throughout the object of the feeder.

They need to be better educated, or many of them do, in what are the best indications of a good cow, and how best to feed such forage and grain as they grow, and what such that the forage and grain as they grow, and the sheep's appetites are delated of salt is not to make a more times over the increased cost of the feeder.

They need to be better educated, or many of them do, in what are the best indications of a good cow, and how best to feed such forage and grain as they grow, and what is beliefly we think when pastures are delated up, and are an possible to them do, in what are the best indications of a good cow, and how best to feed such forage and grain as they grow, and what is though not in bulk are produced in root forage and grain as they grow, and what are the best indications of a good cow, and how best to feed such forage and grain as they grow, and what are the best indications of a good cow, and how best to feed such forage and grain as they grow, and what are the best indications of them do, in what are the best indications of a good cow, and how best to feed such forage and grain as they grow, and what is though not in bulk are produced in root forage and grain as they grow, and what are the best indications of them do, in what are the best indications of the mess of the farmer, we are learning that in improved flavor to the butter so the feeder.

In Great Britain where I ndian corn can improve the control of the do, in what are the best indications of them do, in what are the best indications of them do, in what are the best indications of them do, in what are the best indications of them do, in what are the best indications of them will do this, though always with this better skimmed or whole milk, and it does not nomical feeding. They are too big for stock on the call they like of them. The factory has lie is not uncommon to feel the gritty particles too. It is the farmer's business to exhaust limit in increasing egg production. The fertility. That is the way he gets his living He takes fertility as the raw material that raine furnishes continuous formula becoming soiled, and in the end too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit too hard for ruminant animals to do this profit to the ruminant animals to the ruminant animals to the ruminant animals to the rumi but few who cannot impart a little knowledge gained by practical experience. A meet- exclusively dedicated to milk and butter, ing together and discussing these matters and in which nothing foreign to the dairy has energy and skill in doing this the enough to be eaten, and then made the enough to be eaten, and the effect on egg farmer grows rich, and the fact production will very soon be feit after the was before. People will always believe cially adapted, though some whole wheat article, and often it is these little seemingly unimportant details, so simple as to be almost forgotten until brought out by questioning, that contain the secret of success.

that it covers a broader territory and obtains much scientific or expert knowledge of dairymen and farmers, gives it a value to or butter quality. hose who will read and study it, while, as of some individual farmers.

says: "If there is danger of milk fever, cream, never has that fine natural aroma commence two weeks before the cow drops and flavor so prized by all lovers of a firsther calf to feed saltpetre and bromide of class article. up. If you do, the food that makes milk summer begins to warm up the land. will go to make blood, and this may cause

milk fever." calving, and a little care to draw off some of butter quality. come unless as a result of a blow or bruise room.

A. X. Hyatt tells in the Indiana Farmer sges look neat?" five years. He bought it that he might be one of those cases where you can kill two have been most condemned, the pool sell- to \$1 50 a hundred. Salmon at \$1 to \$1.10

Home Butter Making.

Those home butter makers who wish to realize a neat profit from their labor for the ensuing season, should interrogate them-

atom, and the preservative qualities of the

profitable ration. They ought to learn how sait. A second-class grade of salt is not involve more labor, but it will be a diversi- fresh leaves are most attractive to them. to select the best calves to raise, and how to wholly soluble, and also contains foreign fied labor, and one that will be educating as Yet we should hate to leave even dried grow them. They should study how best to earthy matter lacking in preservative force.

Because a low temperature is as necesassociation of friends, would give better and sary to preserve milk and aid in extracting more detailed accounts of their methods the cream from it as a high temperature is necessary to boil water.

ture, but the result benefits nobody, as it is have made several profits on it. Do not understand us as undervaluing the bought, sold and eaten under protest, and agricultural or dairy newspaper. The fact then only by those w o are looking for 'cheap butter.'

A temperature in the dairy room above that may not always be found in a locality | 60° to 65° is antagonistic to good milk, cream | and horticultural societies in Massachusetts

it also as a cold storage for cookery.

soda; these will help to thin the blood. Do The value of ice to good dairy work

laxative for a few weeks before and after and confidently guarantee your summer

before calving, would act as an almost sure perature is to butter quality in summer what by the societies. the milk before letting the calf suck that he preventive of caked or inflamed udder or a rudder is to a ship. Thus, you see that it It has been a desire to attract this class of at 12 to 15 cents for large and 17 to 19 cents garget. Under such treatment it would not is very profitable to maintain a cool dairy attendance, and to cater to the amussment for small, Very few pickerel here, 7 to 10

wet ground or standing in a cold draught.

in wrapping my butter in pound bricks, or employ any other means to make the pack-least, to many of our so-called agricultural Shad

able to feed better the 20 calves a year that birds with one stone. Packages of butter ing at races, and other gambling devices, a pound for Penobscot, 18 to 20 cents for

Most certainly you would. I know of no A race between two or more horses is not

Farmers' Buying and Selling. It was a shrewd remark of an old farmer

few acres of land, that he was glad his attention that the farming part of the exfarm was not large enough to take all his time or all his money. In fact, he made more profit taking short jeurneys and buying stock to be fattened and killed than he did from his crops. He was not a first-class farmer, could not well be while he neglected his land so much as he did. But long practice in buying enabled him to judge quickly what an animal would sell for at dressed weight, and he very rarely failed to make as much as five dollars for killing and marketing a steer, heifer or ow. He kept in his barn a set of pulleys and all the conveniences for killing and dress-ing a beef. Sometimes he bought other stock, heep, pigs or ponitry, and almost always with some profit, often a very large one. He did this largely because of his knowledge of the trade of a butcher, enabling him to kill and dress stock, and thus make a part of the profit that the butchers would make if it were sold to them. Yet though most farmers will concede

that there ought to be money in this kind of buying and selling, few of them attempt it. any one connected with it excepting the With most of them the trouble is that they ticket taker at the gate. cannot find time, though others distrust their ability to drive a sharp bargain both n buying and selling. Yet the capacity to udge what stock is worth is necessary for advantage.

well. The farmer should become an all-around business man, quick to judge what sheep could eat all they liked of them. The sell it for a fair price. So afraid are many plains why sheep will eat the tender shoots farmers of being chested that it is often of nearly all deciduous trees, which are "Why will it pay to use a cool dairy room hard work to do any kind of business with almost invariably bitter to the palate. them. That is not the right business spirit. With regard to anything uncleanly Farmers will get over this feeling, as they as regards animal excrement or blood, learn by practice more nearly what things the taste of the sheep is more are worth. When they do this they can refined and sensitive than that of any surely make more profit than is possible other farm animal. But it unquestionably under present conditions, which make the does have a liking for what is bitter to the farmer alone among business men ready to taste, and will eat the small, wormy apples

Agricultural Fairs. The report that one of the agricultural

has sold its real estate, and that another has Some housewives, after taking measures decided to do so, while yet others have we have said, some of its teachings may not be adapted to the locality or the conditions summer, spoil their good work by utilizing mean that in one case, at least, the land as the weather continues favorable, and upon which they located was so near to a many of them have reached the point where The result is that their butter, through large and growing city that it has become they are scarcely likely to drop much Dr. Smead, a widely known veterinarian, absorption of foreign odors by milk and very valuable for other purposes, and they farther. Good market end go in jobbing can, if they desire, obtain cheaper land, a lots at 21 to three cents a pound, and steak little farther away, but yet easy of access in cod at three to four cents. Haddock, hake, these modern days of trolley railroads.

Something of the same cause may induce flounders in good supply at three cents. not dry up the milk until it naturally dries never becomes more apparent than when others to do the same thing, and perhaps to Mackerel very scarce yet and firm at 25 remove to a location nearer the centre of cents cach, native or Spanish. Halibut By the judicious employment of ice, tem- the farming districts, and among the people goes down again to 9 or 10 cents a pound perature about milk, cream and butter can whom they were supposed to most strongly for Western and 10 to 11 cents for Eastern. Similar treatment, with the use of clover be absolutely controlled, and with a good interest and benefit, though they will be Bluefish have come in abundance, and are hay and bran mash, or other food slightly supply on hand, you can look into the future farther away from the crowded cities in fair demand at 7 to 8 cents. Pompano is and manufacturing towns, whose resisteady at 25 cents, with snappers and dents cared but little for the agricultural sheepshead at 15 cents and sea trout at 18 the milk if the udder seems to be too full Above all things remember that low tem. features of the fairs and exhibitions held cents. Bull heads and lake trout quiet at

of the general public, rather than to instruct cents a pound. No change in brook trout, there, or a catching gold by lying upon the "Will it pay me to use parchment paper the farmers, which has given so many feat-wild at 60 cents and guitivated at 50 cents a fairs.

his opinion of the separator after using one Yes, most assuredly it will pay, as this is We do not refer to those things which roes at 30 cents each. Frozen herring \$1.26

They have been given the most prominent notice in the advertisements; they have filled the programme for each day, and have received the largest share, usually, of the money spent in holding the meeting, in the writer's boyhood, who owned only a and naturally they have attracted so much hibition has been placed quite in the background. Many searcely saw it at all, and others could devote but little attention to it, fearful that by so doing they should miss seeing some other thing which had been annonneed as an attraction of unparalleled

excellence. We hope, then, that if these societies find new fair grounds farther away from the cities and towns, and among the denizens of the rural districts, that they will feel the courage to return a little nearer to the plan of the old-fashioned cattle shows of our boyhood, and expend their money to bring together good farm stock, good fruits and good produce, instead of appropriating it for fast horses and shrewd jockeys, and causing the farmer to understand that if he brought his best to exhibit he might take it away again without any recompense but the feeling that he had been tolerated there because of the name of the society and the bounty obtained by it for its name, but that his presence had scarcely been noticed by

Sheep Eating Weeds.

The American Sheep Breeder points out the farmer, or else he is extremely liable to the fact that many plants usually classed be cheated in selling what he has himself as weeds are in pastures often eaten by grown. We have always held that every farmer's son should early be trained to judge the weight of various kinds of stock, mentions the common dandellon, parsley, practising by making his guess, and then yarrow, and even thoroughwort, as desiradriving it on some near-by scales to test its ble for this use. In England sheep growers accuracy. In this way it will not take long purposely sow yarrow when laying down to teach a boy to judge the weight either pastures for sheep, and also the narrow-alive or dressed of any kind of stock, and leaved plantain. Most of these are some-its value at market rates. The farmer who what bitter to the taste, and the liking for did this business never kept more than a few what is bitter seems to be a peculiarity of had large farms, but lacked the knowledge poisonous plant grows. We have known how to dispose of their products to the best sheep to be poisoned when an overdose of cherry leaves was probably the cause. The While it is doubtless true that producing leaves of the cherry, peach, almond and of crops from the soil or growing stock by the common cleander all contain prussic feeding must be always the distinctive busi-

> enough to touch. In the early summer, while the small, bitter, wormy apples are falling, the sheep is, therefore, a much better seavenger in the orehard than is the

Fish in Boston Market.

pollock and ousk are slow at 21 cents, and 10 to 12 cents. Striped bass in good supply

Shad steady at last week's rates, 20 cents for bucks and 35 cents for roe shad, with

AGRICULTURAL.

Farming at the Experiment Stations.

Manurial Requirements of Crops. has arrived as a result of the many experiments made at the station since 1889, in testing the different fertilizing elements in various materials of known strength, and under varying conditions, each experiment being upon one-twentieth of an acre, the fertilizers applied breadcast and harrowed in just before planting heed crops, or as a spring top dressing on grass lands. Those who are desirous of full information should same subject, but we will give a resume of

The conditions affecting the experiments able to add half as much more to the preare the great difference in composition and sorribed amount. mechanical condition of soils, and the fact that most of our soils have been loog in culsivation and will nos produce profitable crops unless enriched. Our supply of hometo do this, and farmers buy and use fertil- amount of the hog products of this counizers in large quantities often with only a try, and it is not long since we heard an invague idea of what they need. Special or telligent man saying that the restrictions show astonishing variations when made by country was likely to rain the pork raisers different parties for the same crop, while and pork packers of this country. A few some recommend the same mixtures for figures from the Cincinnati Price Current in and some four times as much.

carry away phosphates, but usually such the West. For the year ending March 1, crops as require more potash than phos. 1873, less than 6,000,000 were packed. The them manure rich in phosphates and nitre-

Analysis of plauts and agricultural products show most of them to contain more potash than phosphoric acid, while as above stated, the reverse is the rule with most commercial fertilizers. Plants vary much in feeding capacity, or their ability to find and take from the soil what they need, some not getting it unless in the soil in much larger amounts than they can take, and this has not been generally considered in compounding fertilizers or selecting them

Upon corn in some 30 experiments they found that potash in the form of muriate largely increased the growth of both corn and stover, and had much more influence npon the grops than either nitrogen or potash. This was the result in nearly every case when tried in other parts of the State. The special corn fertilizers do not have potash enough, and he would advise a fertilizer containing three parts nitrogen, four

parts phosphoric acid and 11 parts potash. On oats after corn nitrogen in the form of nitrate of soda increased the crop more than did phosphoric sold or potash, and this was the case in other parts of the State. For oats use a fertilizer with five parts nitrogen, three parts phosphoric acid and five parts

On grass and clover the nitrate of soda had best result on first crop of grass each year, while potash showed its results in the rowen clover. He advises for growing timothy eight parts of nitrogen, three parts phosphoric acid and three parts potash. Where clover is wanted use two parts nitrogen, five parts phosphoric acid and 10 parts potash.

Rye seemed to require all the three elements, but grain was larger, plumper and of better color where potash was used, and large quantities.

either nitrogen or phosphoric acid.

farmers to experiment for themselves to of invested capital. learn what they need upon their own soils for their various crops, and they are advised to purchase fertilizar materials and mix their own fertilizers, because they can plant food at lower cost, and because

he mixed fertilizers in the market, whether special compounds or not, are seldom adapted to furnish what is most needed by the plant.

For corn, on sod land in good condition. he advises to the acre 100 pounds of nitrate of soda, 200 pounds dried fish, 250 pounds acid phosphate and 220 pounds muriate of high-grade sulphate of potash, which would furnish about 30 pounds of nitrogen, 40 pounds phosphoric acid and 110 pounds potash. On land rather poor in organic matter, use 200 pounds nitrate of soda. same of dry ground fish, 100 pounds of tankage, 200 pounds acid phosphate and 250 pounds muriate of high-grade sulphate of potash. This would give 42 pounds nitrogen, 50 pounds phosphoric acid and 125 pounds potash to the acre. In connection with farm manure would use for corn 50 pounds nitrate of soda, 100 pounds each of dry ground fish, sold phosphate and potash salts, giving to the acre 145 pounds nitrogen, 212 pounds phosphoric acid and 50 pounds of potash.

For an acre of oats on land in good condition use 125 pounds nitrate of soda, 100 pounds seld phosphate and 50 pounds potash salts, furnishing 20 pounds nitrogen, 14 pounds phosphoric acid and 25 pounds potash. If land is in poor condition use 175 pounds nitrate of sods, 100 pounds dried blood, 200 pounds sold phosphate and 90 pounds potash salts, giving 37 pounds nitrogen, 27 pounds phosphoric acid and 45 pounds potash.

For timothy or mixed grasses put on 150 pound s nitrate of soda, 125 pounds tankage. 50 pounds acid phosphate and 25 pounds muriate or sulphate of pota h, to give 32 pounds nitrogen, 15 pounds phosphoric id and 13 pounds potash. For mowing land with considerable clover use 100 pounds nitrate of sods, 300 pounds acid phosphate, and 160 pounds potash salte, giving 16 pounds nitrogen, 40 pounds phosphoric acid and 80 pounds potash.

For rye, 125 pounds nitrate of sods, 150 pounds seld phosphate, 125 pounds potash salts, containing 19 pounds nitrogen, 20 pounds phosphoric acid and 63 pounds potash

For eabbages and Swedish turnips, 150 pounds nitrate of sods, 200 pounds dried blood, 400 pounds dry ground fish, 200 pounds bone meal, 500 pounds acid phosphate, 250 pounds high grade sulphate of potash, to give 70 pounds nitrogen, 141 pounds of phosphoric sold and 125 pounds

For Soy beans, 100 pounds nitrate of rods, 150 pounds dry ground fish, 300 pounds sold phosphate, 200 pounds high-grade sulphate of potash, furnishing 27 pounds nitrogen,

52 pounds phosphoric acid and 100 pounds of potash. There are indications in some experiments that the high-grade sulphate is better than the muriate of potash for clover. It cost about 40 cents per hundred pounds more. In other places where we have said The Hatch Experiment Station sends out potash salts either may be used, but not bulletin No. 58, with the above title, written lower grades of potash saits. Lime may be by Prof. William R. Brooks, in which he needed on some soils after muriate of potgives some of the conclusions at which he ash has been used for several years in suc-

. It is best to mix these materials just be fore using, and put on broadcast after plowing, and harrow them in. Where more than 150 pounds of nitrate of sods is used to the acre, it will be well to keep back onehalf of it until the crop is three or four inches high, and then scatter it evenly near t e plants. It need not be covered, though if no rain comes soon it would work more The amounts advised are in most cases

moderate, and many times it might be profit-

Trade in Pork Products.

Very few people not directly interested made manures is in most cases not sufficient have noticed the large and rapid growth in complete fertilizers sold for various crops placed by Germany upon their sale in that very different crops, yet nearly all contain regard to Western packing houses only will twice as much phosphoric acid as potach show that they are still able to do business. For the year ending March 1, 1899, there

Our farmers, as a rule, sell no grain to were more than 23,500,000 hogs packed in ers about \$140,000,000 more last year than ble to make as much profit from butter sell- feel that he may convert them into pork in the year ending March 1, 1873.

more than 4 000,000 hoga larger than the winter pack.

For three years ending March 1, 1875, the pound for green meats and lard. For the three years ending the first of last March it was a little less than five cents a pound. For the three years ending in 1875, the average weight of hogs was 189 pounds, and for the last three years it averages 169 pounds.

But the exports, which include the prodnot of packing establishments in Eastern States as well as Western, show nearly an equal growth. For the three years ending lane 31, 1875, the average exports of pork, lard, bacon and hams were 593,262,311 pounds a year. As the accounts are not made up to end of fiscal year, we will compare that with the three years ending Jan. 1, 1899. The average for those three years was 1,452,921,948 pounds a year. in the three years first named we exported 331,024,-568 pounds a year of bason and ham , and a little more than 200,000,000 pounds of lard a year. In the past three years we averaged annual exports of 727,835,945 pounds of bacon and hams and 663,706,578 pounds of

In the year 1898 we exported 42 per cent. more bacon, 40 per cent. more hams, 133 per cent, more perk and 40 per cent, more lard than we did no longer ago than in 1896. The American hog seems well able to hold his own in a commercial way at least.

The Average Dairy Herd.

It is unmistakably true now that the it does not seem to have ability to take owner of a small herd of good dairy cows than those which are called mutton breeds. up potash enough unless it is prese t in kept well in hand has a bester chance of We should class that as war news is somemaking a profit than one who tries to man-Cabbage, white mustard and Swedish turage a large, unwieldy number, none of which have no proof of this excepting the report, and he remained entirely free from colds amount at one cutting, or extra labor to nips are all of the same family of plants, seem to come quitern to the standard. The as we never tried to see how much and responded quickly to a liberal application to return to smaller herds, and milk either would give. We know from This then p tion of phosphate, but the use of potash brings them up to a paying point. This is experience that the Southdown owe which the catarrhal microbes sometimes was also beneficial to the cabbages and turnot always an easy lesson to learn, for we gives milk enough to raise a good reach to the human race from the animals, nips. Soy beans required fertilizer rich in always like to count on numbers. But it is samb and have it suitable to kill at an potasb, resembling corn and clover in this better to reduce the numbers to the point where proper attention can be bestowed upon each individual. Anything above this fully equal in that respect. If we had grade of the first steps in protecting curselves. In respect, but were not much increased by where proper attention can be bestowed These wide differences should induce is a waste of time and labor, and a misuse he average farmer should keep from 10

> "He Who Pursues Two Hares Catches Neither."

Said a well known young man about town. "I tried for years to burn the candle at both ends, in the pursuit of pleasure while trying to attend to business. My blood, stomach and kidneys got into a wretched state and it seemed that I could not carry the burden any longer, and would almost welcome a suicide's grave.

"But now my rheumatism has gone, my courage has returned, and all on account of that marvel, Hood's Sarsaparilla, which has made me a picture of health. Now, I'm in for business pure and simple "

Blood Poisoning-"When I enlisted in dontana for the Cuban war I began taking Hood's Sarsaparilla and got several comrades to do so. It seemed to make us proof against heat and fatigue at Key West and Tampa, while others gave out, also in Cuba. I was wounded at San Juan with a brass jacket bullet, but got no treatment until I arrived at Fort McPherson, Ga. The surgeon said if it had not been for my good rich blood that the brass shell would be the contract of the surgeon said. have poisoned me sure and I would have lost my arm." George P. Cooper, Co. G, 25th U. S. Inf., Washington Barracks, D. C. Grip - "Through the blessing of God Hood's Sarsaparilla and Hood's Pills cured me of grip and the after weakness. My heart and nerves were badly affected, but am now strong and hearty, doing all my housework. I have been a walking advertisement for Hood's among my neighbors."
MRS. MARY M. MESSENGER, Freehold, Pa.

Leg Sores — Sores on my wife's limb were so bad she could not walk. Physicians' aid of no value and she used crutches. After taking Hood's Sarsaparilla, she laid them aside and walked freely." FRED A. HOYLE, Reynolds Bridge, Conn. Salt Rheum — "My mother was seriously afflicted with salt rheum and painful running sores. No medicine helped her until Hood's Sarsaparilla was used, which made her entirely well." ESSE E. MAPLE-STONE, 358 Dearborn Street, Chicago, Ill.



only cathartic to take with Hood's Sarsaparilla.



A FAMILIAR FARM DOG-MONGREL.

problem that each one must face and solve. are not satisfactory. The farm separator is essential for fature success in dairying. The separator has average cost to packers was 7 17 cents per passed beyond the ex perimental stage, and the ground that the common cold is conit has come to stay. With a good farm tagious or infections in any of its stages, separator in use, 10 good average gows—not not only among men but animals, and scrubs-should produce \$450 in butter also communicated from the animals to the kept on an ordinary farm or dairy farm.

> dal ying with a dozso cows-ail the land after they leave. would support at the time-and by judicious methods he worked his herd that cats are specially susceptible, and reup to 40. That is the number of calls an old saying frequently used in some cows he can feed off his former poor sections, "The cat is sneezing, we shall all function of the farm in dairy feeding was question of maintaining the standard of the eruption around the lips (herpes labilis). year by year. Such a thing is possible, and be seen upon them. On Australian sheep crops rich in carbohydrates are easily when it is accomplished it deserves mentioning. There are plenty who fall to hold their own in this respect, and let both cows their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to their own in this respect, and let both cows to the control of the cont and land degenerate year after year. The products of the dairy should never be raised and sold at the expense of the land.
>
> ON and liable to result in pneumonia. oner or later the accounting time must New Hampshire.

Live Stock Noies.

The advocates of the Merino sheep are now claiming that if they do not make as in the habit of turning one out at pasture in good mutton as other breeds they are most summer. On being brought back he siways valuable mothers, as they give more allk developed a severe cold. Last year he had either would give. We know from Thisthen point early age, and there are many who would Merino ewes we would not hesitate to use these days whan grippe and pneumonia them to breed a cross with either of the have been so prevalent, and have in so many mutton breeds, but we should scarcely care other intent than to get better milking mothers among the mutton breeds, unless we found we had a strain that had lost much of their especity for milk production.

A Wyoming paper says that a cattle company in that State are feeding about 400 calves on a ranch there this season. About half that number have bells on for the purpose of scaring away coyotes. Through experience this is shown to be a cheap and effective way of protecting herds from the rayages of these destructive animals." We have often advised the use of bells on sheep where danger was apprehended from dogs. They will not chase a flock of sheep long after the bells begin to ring, for a sheep-stealing dog is as con ardly as a coyote. It is much upon the same principle of

a man we once heard of who was having a new burglar alarm put on his house. He wanted it where the burglars would be sure to hear it, as he would prefer frightening them away to getting up and fighting

The Western Ploughman says: "Never use buck wheat straw or oat straw for pigs' nests. Buckwheat straw will soon make them jump and kick and jerk. Oat straw will give them a skin disease which will in a short time stop their growth."

as our Eastern farmers have cat straw most generally taken for bedding. We stimulant of milk production. have need it to bed the floor of the henhouse, and used it without stopping to duties, except the making of muscle protein, and may be fed safely in almost thresh it, and it made the hens jump and kick and scratch as long as any grain was left among it, and oat straw not threshed

The captain of an Australian coasting steamer has found a new use for swine. He was wrecked on a reef, and there were no rockets to send life lines to the shore, or from shore to vessel, but he had a num ber of pigs in the cargo, and he fastened a life line to them and put them overboard. They immediately swam to the shore, and o mmunication was thus established by which every one on board was taken ashore by means of traveling cages on the line.

The Chicago Tribune says that the serum or inoculation treatment for hog cholers, which is recommended by the Department of Agriculture, has been so thoroughly tested that its efficacy has been proved. This year the tests made in an Iowa County showed that out of 922 animals treated 170 died, or less than 20 per cent, while out of 1107 hogs in other droves which were not treated 879 died, or nearly

o 12 cows on every 160 acres; but a farmer 80 cer cent." This saving is of great im-, ces the protein in the food, and when there phoric acid, as hay, straw, vegetables and number of hogs packed increased 300 per who devotes all of his attention to dairying, portance to farmers in the pork-producphoric acid, as hay, straw, vegetables and the formula of the many of them are milk producers, buying and feeding large amounts of wheat bran, cottonseed meal, gluten of wheat bran, cottonseed meal, gluten of wheat and for them is not only as the size of the hogs has december of the hogs has dec meal, oats, etc., all of which tend to give per pound paid for them is not quite as his farm economically, this portion of cows areat amount to save, but when wheat or feeding can be given, applicable to all anicorn are very low in price the farmer will ing today at 25 cents a pound as it was when without losing his profits, and more than of digestible protein, 12; pounds digestible the animals, and upon the quality of the

A writer in the London Spectator takes

But to our domestic animals. He claims

Horses also are subject to a nasal catarch, and if a horse goes late a fresh stable, particularly if he is fresh from grass, he usually has it, and any other horses in the stable are liable or very apt to be affected soon after. A friend of his had two horses and was his stable thoroughly disinfected and whitewashed, and he had no other horse in it

but gives a hipt as to the necessity of vencases seemed to be the result of a slight cold to introduce the Merino cross without any in the head, " crught " in some almost unaccountable manner, we feel inclined to proteet not only our borses, cattle and sheep, but the cat and dog at the house from danger of contracting and bringing home these troublesome and dangerous microbas

The Various Dairy Feeds.

State Board of Agriculture this year con- either fed green, cured as hay or made into tains the lectures delivered at the Dairy silage. Conference at Portland last December. They all contain much valuable informa- balancing the rations, renovating the soil tion, but we propose now to use some of and heiping out the pocketbook. It is best that which we find in the essay by Prot. if cut in its early bloom, and is as good in Joseph L. Hills, director of the Vermont Experiment Station, upon economical dairy Where it will not grow well, the trouble is

an animal is made up of water, ash or hone matter, protein or lean meat and fat, he says being economical food, because of their conthat as the two first are found in all foods taining so much water, from 91 to 87 parts the necessity exists of seeing that the food water in a hundred pounds. Their chief also contains proper proportions of the value is as appetizers for those who have no other two elements, of which the protein is silage. Those who have or will build silos most important, as it includes all those will find the corn crops more valuable than materials containing nitrogen, which go to roots. make up the muscular tissues of the body. But all these feeds are deficient in pro The starch, sugar, gums, etc., and the true tein contents, and need concentrated feeds fats, while classed separately by chemists. with them. Of these, cottonseed meal conare all known as the carbc-hydrates.

The protein in the food forms the mus- present prices, but animals vary in their eles, tendons, cartilage, and the albumen ability to digest it, and some cannot take This should be generally known if true, and caseine of milk. It also makes body fat, and perhaps a part of the milk fat; it feed. Use it sparingly and carefully until about as frequently as rye straw, and buck- produces heat to maintain bidily warmth, the limit is found, and use none that has wheat as often as wheat. Buckwheat straw, and material for the production of muscular being of little value for feeding purposes, is energy. It also, by its nitrogen, acts as a only that which is of a bright-lemon color, The carbohydrates perform these same

or lean meat, to even greater extent than any quantity, but they have a tendency to

WALTER BAKER & CO.'S

Breakfast Cocoa

Costs less than One Cent a cup.

Be sure that the Package bears our Trade-Mark.

A Perfect Food. Pure, Nutritious, Delicious.

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Established 1780.

DORCHESTER, MASS.

mals in all conditions, but the German standard of 24 pounds dry matter, 23 pounds the effect of these foods upon the health of At that time 10 times as many hogs were it sold for 35 and 40 cents. The reason for that by choicra among the swine. If this carbohydrates and four-tenths of a pound of the foods, and also upon the fat for a cow of 1000 pounds weight has speaking of the foods, and also upon the the summer and winter pack were about today, and get more both from the cows and future, it will give an increased impetus to been the one most generally accepted, quality of the manure. Rich food makes equal, and last year the summer pack was the soil. How to do this, however, is a pork production when the prices on grain though American investigators have ques- rich manure and poor feed poor manure. tioned its being exactly adapted to Ameri- Cottonseed, linseed, bran, giutens and discan cows and the conditions they are sub- tillery feeds have decided value in this reject to, and they have a tendency to lessen spect, while cornmeal, oats and most mixed the amount of digestible protein required. feeds rank low. Of forage, red clover have

of milk and butter regardless of cost, but as good, with silage and roots of small money, taking prices as they are today buman race. He alluded to the fact that that which will produce the largest amounts value, This would pay, whether the cows were Arctic explorers have never suffered from at the least cost, and it may be better to It pays to feed good feed to good cows, coids in the head until they returned to civ-On poor land the number of cows must lization, and to that island in the Hebrides at a much higher cost. The cow which was partly wasted, but he did not care to take be reduced. Never attempt to raise more where the natives never have colds or said to have produced 1000 pounds of butter sides with the advocates of any particular than the land will actually support. It is coughs excepting when a ship from the in a year had a ration which was excessive breed. better to begin on a small scale and work mainland touches the island, when all are and uneconomical. At present prices of The laws in some States regarding an inup. Thus a farmer friend of the writer's at once attacked by the disease. It is called concentrated foods in New England marster of 160 cores, and storted in the "stranger's cold," and soon disappears kets, the economical food will approach very a guaranteed analysis of their food contents near to the Garman ration, if given to cows of the true dairy character.

York station as saying that "the proper making and sale of fertilizers. farm. He not only kept in view the have colds." Sheep also have colds, and that of a carbo-hydrate factory, and the proper function of the market was that of a his herd, but he had to improve his soil commonly called "cold sores," may often protein supply." His meaning was that prices, making'it sometimes cheaper to buy meterial of this sort than to raise it.

He classed as economical foods for the dairy cow, as rough fodder, early out hay, sliage from mature coru, oats and peas and red clover hay. Early-cut hay is more easily digested than late-out hay, and contains more than double the amount of protein, so that less grain is needed with it to make a properly balanced ration, but the farmer should decide for himself whether it is better to cut early, and then perhaps get another crop of rowen or get a larger crop seenre two crops.

when the kernels begin to glaza, is shown by the same table to contain nearly twice as much protein and more than twice the carbohydrates that were found when the corn was out about at the tassling stage. Oats and peas sowed at the rate of two bushels of peas harrowed in fairly deep, and a bushel of oats put on later, to the acre, and harrowed lightly or bushed in. bas proved at the Vermont station to grow

one of the best foods as a supplement to the pasture, as cattle like it and it keeps up the milk flow. They put it in at intervals of 10 days, and cut when oats are beginning to head, but have not began to turn yellow. By analysis, it has a little less carbobydrate than the silage, with more than twice The first bulletin issued by the Maine as much protein, and gives good results

Clover hay is one of the best things for hay properly cured as it is in the sito. usually a lack of lime or potash in the soil Commencing with saying that the body of or too much acid in it.

He considered roots of all kinds as not

tains the most protein, and is cheapest at two pounds a day without getting off their been overheated, mouldy or musty. Accept and a fresh, clean, nutty taste. Linseed meals rank next in amount of

Ginten meal and ginten feeds are by products from the factories where glucose is made from corp, and are economical feeds. Lately they are more even in analysis than at first, but need care in feeding, the same as advised for cottonseed meal. Like that they may cause digestive troubles, garget and fever if they are used too freely. Dried brewers grain, malt sprouts and a distillery waste wrongly called Atlas gluten meal, are less rich than those named above.

make butter soft, while the cotton-seed mea

and some cows will not eat them, or only sparingly, but they are sold so cheaply that they are economical feeds and apt to be they are economical feeds and apt to be safer than cottonseed or gluten meals. Wheat bran and wheat middlings are preeminently milk makers in the feed, absolutely safe in any possible quantities, and at usual prices they are desirable dairy

He classes corn meal as economical when properly used, but thinks it is too much properly used, but thinks it is too much ful cures effected in used. Statistics show that nearly \$3,500,000 the following. are spent each year in Vermont for feeding stuffs, and of this amount \$1,250,000 is for Western corn, which is too much. As a rule corn can be grown more cheaply than can be bought, and it might be bester used in the silo than dried and ground.

Over \$500,000 is spent in Vermont yearly for oats, and they are an excellent dairy feed and well adapted for mlik making, but at present prices are not a cheap food. The so-called "cat feeds" are simply an excuse for catmeal manufacturers to work off their oat hulls, light oats, etc., with more or less corn or gluten meal in them, and are not cheap at the prices asked. This is the case with nearly all the mixed feeds or provenders. "Oat hulls have hardly more feeding

He condemned all condimental foods and patent medicines for the dairy cow, and classed them as humbugs, seldom, if ever,

Among other things to be considered are What the dairyman wants today is not the adds most to the value of the manure heap, food which will produce the largest amounts with early cut hay next, late-cut hay nearly

have worked to the advantage of the dairyof the true dairy character.

Ha quoted director Jordan of the New

man, and they should be enacted and enforced in all the States. They are equally as important as similar laws in regard to the subjects in a manner that is practical and at the

week ending April 15, 1899, included 12 316 divided lato twelve chapter, as will be seen by pounds butter, 109 473 pounds cheese and 171, the table of contents, and devoted to plants that 225 pounds olec. For the same week last year are in evidence during that month: "The Story and exports included 2640 pounds butter and 98. of the Root" (January), "The Story of the ************

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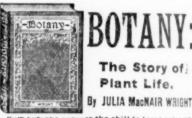
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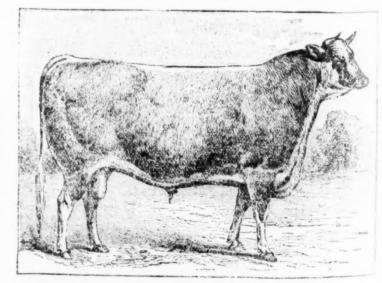
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Her treatment pod and fruit are othing, medicine, ily suggestive and igned for general Adapted for class or as a text book dfty cents. Sold paid upon receipt DUGHMAN.

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Breeds and their cofitable Use and he Causes, How cally correct, and es that are within Methods for the celebrated work,

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POULTRY, Successful Pigeon Raising.

Here in the East there are few large pigeon aviaries owned, and pigeon raising, as a rule, is confined principally to private as a rule, is commuted principle of the same of the sa few thoroughbred specimens, and they are kept solely for pleasure. In the South and West there are large aviaries where quan-

they may please, but with thoroughbred pigeous, birds that have considerable value. the owner is afraid to allow the same freedom, as they are apt to stray away or get shot Consequently, most fancy pigeons

ated, and no foul air should be allowed to be learn to roost before they would begin to much damage before it is found, if regular the Italian and the Japan millets have all remain, nor the birds be placed in a conlay eggs again. If a hen is too old to break
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inspection is not made, and the litalian an corners and be warm and comfortable as profit. well as any animal, and it will be noticed in windy or rainy days that they will stay ndoors rather than go out. Pigeons can be kept in large numbers successfully if one gives attention to their feed, not to the quantity and quality of their grain, but in the kind and quantity. Feed twice a day sparingly, and never feed more than what the birds can pick up and eat. Never allow grain to remain over, so that it will be trampled upon, become dirty and filthy, covered with the dirt in which it is afterwards eaten, giving the animals germs of a disease which they would not contract if proper condition.

It was noticed in a prominent loft last summer, where some valuable pigeons were kept, that a certain disease made its appearance which the owner did not understand nor could be be of any special service to the remaining pigeons which were well, excepting that it seemed to him that there must be ing the prevailing disease. The loss of some and the result of this was that he found that and around the inner cheeks there were small pin spots of white resembling canker. These spots could be removed by brushing with a small stick. It was found by swabbing all with a solution containing part alcohol, part carbolic acid and glycerine, that the pigeons could be benefited and the disease checked. Each bird was taken and gone atching and fatal to the remaining speci-

The secret of all this lies principally in leaned, and also in over-feeding. Feeding too much grain, such as whole corn, allowing it to be thrown about without being eaten, until finally certain portions of become dirty and foul, then the birds cating it contract this disease, which is generally considered fatal. The proper scheme to avoid this is to keep your house properly ventilated, and the success of the loft is noted.

to observe the rule of cleanliness and feed from drought. as much as it is in selecting fancy birds for But more than either in importance, it new variety, Sutton's Beauty, is much their feathers. No matter how beautiful would be free from insects or any fungous praised for its eating quality, and the tree him, feed him and admire him.

ROBERT KENT JAMES.

Breeding Fancy Poultry.

Breeding fancy poultry is a fascinating trouble any other plant. science, and those who follow it carefully reeder must keep well in mind. It is

wash or put anything around the trunk to the battle depends upon the shape of the bird. By conforming to the ideal shape on a the foundation for all other successes.

wash or put anything around the trunk to mended. But plants of the millet family are dig out a number of sprouts and extend the so well known that we do not fear their becoming troublesome weeds, or that they harbor of the plants of the millet family are dig out a number of sprouts and extend the coming troublesome weeds, or that they harbor of the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the coming troublesome weeds, or that they harbor of the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the coming troublesome weeds, or that they harbor of the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the coming troublesome weeds, or that they harbor of the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number of sprouts and extend the plants of the millet family are dig out a number

No matter how perfect the carriage or markings of the birds may be, if the shape is poor they will never come up to the standard set by the exhibitors of fancy breeds. Good shape generally indicates the rest of the essential points. But not always. Otherwise it would never be necessary to

A well-shaped fowl will usually have a good carriage, but occasionally this can be West there are raised and kept. These the birds that are stately and graceful in birds are for the market, and a large number of young squabs are raised each season, par of young squabs are raised each season. per of young required the market with a good fancy and sent to the market with a good fancy profit.

The raising of pigeons for profit differs from the raising of them for pleasure. Different houses and accommodations have to be provided, and, especially where one has many valuable birds, one has to confine them. Where one has them for pets, they are usually allowed to fly about wherever are usually allowed to fly about wherever with the rangel so not the least fascinating part of the fancier's work. It probably yields more genuine pleasure than any other part of the fancier's work. It probably yields more genuine pleasure than any other part of the fancier's work. It probably yields more genuine pleasure than any other part of the labor. Starting with bird of excellent constitution and shape, it is remarkable what charges can be made in the markings of the feathers without in any way destroying or lipuring the type. But it takes long years of oareful selection and breeding to accomplish this in a way that gives satisfaction. It is a work of love as well as for wages.

W. STILLWELL. Pennsylvania.

Feeding Sitting Hens.

A hen does not know much at the best. If are housed, and the secret of housing these she once begins to sit, even though it be on an pigeous to keep them well and allow them empty nest, her attention will be so entirely to enjoy themselves is indeed a great study, devoted to the business she has undertaken and the art of keeping them well is some- that she will remain on the nest without thing that every beginner puzzles over, and taking time to take necessary food and drink. many professional people are at a loss to Such a hen very quickly runs down in flesh, know why it is that the birds do not thrive, and is also probably permanently injured for egg production. Nature cannot sustain One of the most important points in hous- life without food, and if other food is ing pigeons is that they be allowed a certain not provided, it is quite probable that amount of fresh water, that they be kept what eggs she has in her owum that are hangry, that they are fed on proper nour- not forward enough to lay will be shing lood and that they are not overfed. absorbed, and aid in keeping up the Besides this, if the food is allowed to be- hen's vitality, much as milk may be when a come state or sour it is as bad as if they cow is partially starved. At least once a were fed on some poisonous substance. The day the hen should be pulled off the nest, on should be kept as active in its labors and not allowed to go to it until she has for food as a hen, and a weil pigeon is one taken both water and grain. The best grain that is always in need of food, and at the same time willing to pick up a stray grain her sitting fever is wheat. We have usually found that if hens were fed wheat while and a little probing with a small wire is would be harmful to other crops. We have

nary to good from 13 to 16 cents; freeh sell as high as the better-dayored pears, killed fowl, best at 112 to 13 cents, with such as Bartlett, Boss, Aujou, Duchess and lighter ones at 9 to 11 cents. Western several others? They are purchased now they were fed the grain in its clean and freezen fowl or chickens at 9 to 12 mainly for canning, I suppose. It is cents, with ducks and geese at 8 to 10 cents. claimed that they are much better cooked Turkeys dull at 12 to 14 cents for choice, young hens, drawn, heavy at 9 to 11 cents, ity by cooking than other varieties. undrawn, at 12 to 13 cents, and frozen to 10 But, at the rate they have been to 12 cents. But few capons selling. A few Philadelphia are held at 18 to 22 cents, with South and West, it would seem that the large Western 15 to 18 cents, and small to demand for canning would soon be over-medium 12 to 14 cents. Live fewl 10 to 12 supplied, and then the Kieffer would meet mething which could be done to help abundant. We think none bring more than that should happen? You would have good, those that were not ailing at the time, so \$1.25 a dczap, and from that down to 75 thrifty trees that you could bud, or graft

Game only in cold storage. Quall, good to choice, \$1.50 to \$1.75. Grouse, heavy to choice, \$1.50 to \$1.50 heads 50 cents to \$1, black duck and mailards 40 to 90 cents, and small 25 to 40 cents. of cultivation, and interest on cost of trees climate. Venison uncharged in price, with small and planting. I would not keep yourg 5. That the seed of the New Siberian

Care of Turkey Eggs.

through with in the manner referred to, and the result was that every bird thus treated, with one or two exceptions, was saved. It goes to prove that the disease would have the turkey eggs under her. Only eight eggs in a few years. Whether facts would war- 6. That it grows much higher than any de impossible to prevent the trouble when litted a good starf, as the birds fly together, set nine. But the turkey while in the point of excellence worthy of note.

That it is rust proof, and that chinch we thought we should be obliged to graft together, eat together and sleep to-shell is extremely tender, and unless the we thought we should be obliged to graft together. the shell a common hen makes a better well, but it is not fit to cat." We have not stalks. mother to them than a turkey could do, as tested the Kieffer cooked, but it would need the close, stuffy and perhaps illy ventil-ted gle the young chicks on wet mornings or wet any one to buy it the second time. days. Until the turkey chicks are full house, and possibly one that is not properly feathered they should not be allowed to go out of the pens in which mother and brood are kept at night until after the dew has dried off the grass.

HORTICULTURAL.

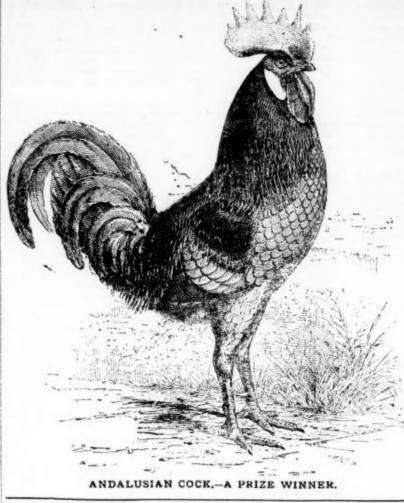
Orchard and Garden.

writer that where pigeons are kept, and are lions. If it had been made rich enough to Ben Davis can scarcely be called a good these new varieties. obliged to be confined, if a few chickens produce a good crop of either of those, it apple for eating at any time unless cooked. are allowed to be with the pigeons, so that would be as rich as he would care to set and the Spy does not suit every taste, and they can scratch up and eat the remaining plants in, although it might be of advantage often loses its fine flavor. stain that is left or is covered over, the to put on a top dressing of commercial ferbirds are not so liable to catch this disease, tilizer the next spring when he expected a a favorite for eating purposes. The Jorcrop of berries. It would be penetrated by athan is usually well liked, and keeps well It is advisable when one is keeping either the deep-running roots of the previous, until late in the winter. The Gravenstein a large or a small number of fancy pigeons crops, so that it would not be likely to suffer is one of the best, if not the very best of its

Your bird may be, you can never raise him growth, rust or blight that would affect the is a good grower. The Duchess of Oldenunless you have some sanitary arrange- strawberry plant. He says he never knew burg is excellent after long keeping in cold ments perfected that will allow you to keep them to appear on any crop which suc- storage, even better than earlier in the seaceeded either of these, though he has had son. to give up trying to grow onions in certain All of these sorts are good, thrifty trees places for a few years, because the onion when in a good location, and perhaps do not

people take it up without adequate knowl-edge of the work. There is science in all for some one to experiment upon. Dande-There are several points that the onlone got out of the way for fall setting.

chade and feathers that he is breeding for, We have never tried any kind of wash to and not for the qualities which makes or-dinary poultry valuable. Without perfect around them for such purpose, though we shape and appearances the fancy birds have often seen them recommended. Some would be of little use in a show, and it is of the washes which are used we consider or exhibition qualities that he must strain more likely to injure the trees than to bene-One may ignore the exhibitions of fit it, but this has not been our reason for



larger tops. In regard to the question of remarkable, indeed.

season for both eating and cooking, and a

sell of good fruit need not look so far away for his oustomers.

New Forage Plants.

In housing these pigeons it is not necessary to have a large house or covered yard, hatched, that they would not remain with

already several varieties of the family common among our forage crops, and it is desirabut the house should be thoroughly venti- their chickens longer than to give them time some one insect may lodge there, and do bleto have the best. The German or Golden, stant draught. Pigeons like to cuddle in up thus, she is too old to be longer kept for grumbles at the newspaper writer who led crops under favorable conditions, and now 12,984 quarters of best from Seston, 1742 cat'le,

Description-Plant about four feet in

height; blades per green color, very pro-

fuse; stalk fine and very elastic; heads about six inches in length; seeds of brown red color; habit of growth, stooling to a remarkable degree; not subject to rust; maturity, first crop about July or August. It is claimed for the New Siberlan: 1. That it is from two to three weeks ear-

Her than the German millet thereby making a crop when the latter may fall on ac cents. Roosters 7 cents. Pigeons more with slow sale as a table fruit. What it count of unfavorable weather at the time of 2. That it grows an extra fine stalk, with

of his most valuable specimens convinced him lots at \$2 to \$2.25, and small from \$1 to \$1.75 other varieties, because they would have remarkable indeed. Game only in cold storage. Quall, good distance, I think 20 feet, each way, would 3. That it has been known to yield from

medium, and fancy large at \$2 to \$2 25, red rowed crops or small truits could be grown mate, the seed possesses a vitality and vigor between the rows to pay rent of land, cost not found in the seed originating in a warm

fruit trees, of whatever species, in sod, miliet, being so much smaller than that of however I might conclude to do when they other sorts, the cost is lessened greatly in were more advanced, but would give them quantity of seed required per acre, which is The turkey hens will undoubtedly begin frequent, thorough, shallow culture." given as only four quarts if wanted for

spread with a result that every bird in the ought to be put under a common hen, though, rant such a statement or not, or whether other millet (four feet or over), and though oft would have finally succumbed. It would as there is a superstition in favor of odd some one instance is the basis of his judgbe impossible to prevent the trouble when numbers in setting eggs, most people ment or not, we do not know. We should yet the stalk is elastic and stands up well. a

gether, breathing into each other's faces, hen can cover them all at all times, one all over in a few years, and we do not like bugs do not relich it, but that stock eat it as and filling the atmosphere with their diseases, which cannot be otherwise than to batch. After once getting them out of dations than "it is fine to look at and sells in the feeding, owing to the fineness of the

The other or Broon corn millet has been the turkey is likely to wander far and drag- to be much better cooked than raw to induce grown in Dakota and Kansas several years, principally for the seed, which is pro-Is it not possible that in our endeavor to ing, but it also makes very good forage for Houses; Choice of Brends; Care of Poultry; Seigrow a good apple for export we are to some cattle. As the seed ripens while the stalk extent hurting our home market trade? and leaves are still green, both fodder and Have we enough of such fruit as appeals so seed may be saved, although the fodder may strongly to the taste of the buyer that every be better if cut earlier. It is said to preone eaten seems only to give the stronger duce 100 bushels of seed to the acre in good desire for another? We fear not. The soil. The heads are more branching and Baldwin, high though it ranks among our the seeds much larger and brighter in color A gardener of many years experience tells winter apples, is only of that class for a than the German miliet. We would, howkeep your birds hungry, feed them spar- us that if he desired to grow a good crop of ingly, and allow only enough grain to be strawberries, especially in a section where winter to be eaten raw, and in the spring crops, that all the millets are said to have thrown to them as can be eaten up, and give there had been trouble from the strawberry often becoming a little insipid in flavor. injurious effects upon horses if fed corthem plenty of sait and fresh water daily. beetle or grub, he would select a field which A bright idea has been suggested to the had been planted in either onions or dande-

Meech's Prolific Quince.

The discovery of a new quince that is ikely to supersede the old standby, the or-ange, is a matter of general interest. We think it has been found in Meech's prolific quince, a new variety which possesses all the advantages of the orange, with some others that the orange quince does not possess. It is hardy, and an exceedingly early bearer, some quinces having been produced when the tree was only two years from the nursery row. It is a rule among quince growers that when a tree once begins to bear it is sure of some crop every year. While we do not beeve that present plantations of the blight or onlon magget had taken possession vary as much in quality upon different soils orange quince will be superseded, it seems of the soil. Neither of these is known to or under different conditions as some of the certain from what we have learned of other varieties, and all are productive sorts. Meech's Prolific that when new plants-As he has never grown strawberries for Those who have small orchards, who can tions are set it will be of the new and more and use fair intelligence can make it a paylas induse fair intelligence can make it a paylas induse fair intelligence can make it a paylas induser affine market at nearby villages and cities for
prolific variety. The quince under the manthis book treats than is this author. He is no ing industry. The trouble often is that enough to establish him as good authority, all their surplus fruit, will do well to try agement of those who understand its cultisome or all of these, and limit themselves to vation pays better on the average than any regular contributor to all the leading periodicals such apples asithey enjoy eating at home. other fruit. There is always a good de- which make a specialty of floriculture. For positry breeding, but more so in raising fancy breeds than the ordinary farmyard fowls. There are convenient in the spring or early can sell apples by the carload grow such fowls. There are convenient in the spring or early can sell apples by the carload grow such apples and pears to give them a flavor that the can sell apples and pears to give them a flavor that the can sell apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears to give them a flavor that the carload grow such apples and pears can sell apples by the carload grow such varieties as are showy and sell well in England, bearing transportation well if they wish, but the man with a dozen barrels to quince makes it to crick to cook alone, but alone of plants to choose, how to care for them, to flavor other fruits it is unexcelled.

Prolific will come from suckers one should shrubbery for the lawn, how to arrange them to We have ever been cautious about advis- make sure that the tree is grown from cut- the best advantage, the laying out of the lawn, a ing a trial of new plants and seeds from tings, and is not a sucker from some infebut he cannot do this if fancy fowls are his object.

Avoiding them.

We have left them alone because we felt that we could visit the tree four or five that we could visit the tree four or five times in a season to search for and kill the must read and study upon the subject of fancy fowls. He must have the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than we could go once and put on the shape of labor than the care than the countries, excepting as a test upon other countries, excepting as a test upon oth fancy fowls. He must have the shape of his breeds firmly fixed in his mind. Half wash or put anything around the trunk to the battle danger of any feeling fixed in his mind. Half wash or put anything around the trunk to the battle danger of any feeling fixed in his mind. Half wash or put anything around the trunk to the battle danger of any feeling fixed in his mind. Half wash or put anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the trunk to the battle danger of anything around the battle danger of anything around the trunk to the battle danger of anything around the battle danger of anything around the battle danger of anything around the battle danger of anything ar

keep the roots from being frezen deeply. 994. The quince top is never injured by the coldroots from freezing by heavy mulching will generally save them in the severest winters.

But the mulch must be removed in spring so that the quines roots will not require still tons, against \$100,708,135 in the same period last year.

—Rastbound shipments, dead freight by all that the quines roots will not require still tons, against \$0.398 tons last week and 73.093 roots from freezing by heavy mulching will deeper mulching to protect the roots the tous for same week last year. following winter. A wet soil is reckoned favorable to the quince, because it does not

the last wick amounted in value to \$282.057; but for week \$152.875; slightly w

been 1,207 393 cases, against 1.277 448 cases in 1898, 1,153,091 in 1897, and 982,265 in 1896.

The exports for breadstuffs for March were \$19,959 053, the smallest cinco August, 1898.

heavily last week, making the sales of wool larger than in any week for a long time. Prices advance one-half to one cent a degap.

——Only light receipts of eggs this week and prices advance one-half to one cent a degap.

instances a little higher this week. -The quarantine officer of the California State Board of Hortlenituce has prohibed theit distribution of 152,000 hop plants from Kent, England, as the hop plants of Kent County have been for years badly infested with hop wermir. Officers in other hop-growing sections should

profit by his example. inspection is not made, and then the farmer profits.

In pecting in spection is not made, and then the farmer profits.

Poultry and Game.

Poultry and Game.

The poultry markets report a rather quiet it act this week. A little scarcity on Saturday in fresh-killed stock, but enough has arrived and is known to be on the way to hold prices now at about last week's rates. Fresh killed chickens not very plenty. A few fancy Philadelphia at 19 to 21 cents, and some Northern at 18 to 20 cents, and some Northern at 18 to 20 cents, but ordinary to good from 13 to 16 cents; fresh.

In a hen is too old to break in period to deal to be and the farmer grumbles at the newspaper writer who led him astray.

In point of detail and correlates, the volume is we have a wonnew claimants for our favor in the New Siberian millet, and the Brooms of the Siberian millet, and the Brooms of the Siberian millet, and the Brooms of the Siberian millet both of which have been tested and approved in some of the beet from Philadelphia, 1249 cattle, 1240 cattle, 12

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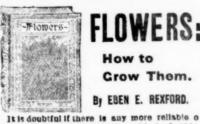
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FLOWERS: How to Grow Them. By EBEN E. REXFORD.

this book treats than is this author. He is not to flavor other fruits it is unexcelled.

It is exceedingly easy to propagate the downto guard against injury by insects of various quince, though to be sure that Meech's kinds. There are chapters also on flawers and

suckers had been removed and roots had been injured the previous year. This can also be done with the Meech's prolific or worth of breadstuffs and \$142,441.659 worth of any new variety so soon as it is known that the trees are grown on their own roots, the trees are grown on their own roots. the trees are grown on their own roots, and not from trees which have been merely grafted with this variety on some less valuable variety.

919,405, and the excess of total exports vers amounts imports was \$447 924,872. For nice months ending March 31, 1898, the exports were \$470, 351,994, including \$229,893,138 worth of breadable variety. The only secret in quince growing is to Excess of total exports over importe \$470,651,-

-The total value of the domestic exports est weather unless its root has been first from the port of New York: For March, \$40-destroyed by cold. Keeping the quines Jan. 1, \$110,919,542, against \$105,758,135 in

freezes so deeply as a dry soil is sure to do.

Ice or freezes muck is an excellent non conrye and 1,936,000 bushels of barley. Compared with the previous week this is an increase of 71,000 bushels of wheat, with a decrease of 2.168 000 bushels of corn, 234,000 bushels of

2.388.744 last year.

—The total shipments of boots and shoes from Boston this week have been 87,663 cases, against 89,734 cases last week, 73,420 cases for the port of New York for the week were against 89,734 cases last week, 73,420 cases for the port of New York for the week were from the port of New York for the week were \$8,302,073. against \$9,932,491 in the preceding the corresponding week last year, and 67,715 in 1897. The total shipments thus fer in 1899 have \$4,127,136,136,136, against \$1,145,646,828 last year.

—The exports for breadstuffs for March were all \$1,018,368, against \$1,145,646,828 last year. bushels of rye and 1,095,000 oushels of bariey.

1898, 1,153,091 in 1897, and 982,265 in 1896.

—Imports of dry goods at the port of New York this week were valued at \$2,036,382, against \$2,275,672 last week, and \$1,611 344 for the corresponding week last year. The mount marketed was \$2,017,634, against \$2,320,416 last week and \$1,511,215 in the same period last year.

\$2,320,416 last week and \$1,511,215 in the same period last year. -Some of the worlen manufacturers bought 893,138 a year ago, or a decrease of \$20,765,000.

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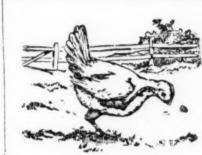
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BOSTON, MASS., APRIL 29, 1899.

Is he misreported, or can it be true, that Dr. Edward Everett Hale told the Young Men's Christian Association Forefathers' night that he hoped through them to see soon in this city a "noble brass" statue in in giving of the writer's self. A corre honor of John Hancock? Let's, by all spondent who cares for another takes it for means, have a statue to "dearest Dolly's" husband, but why a " brass " one?

Speaking of statues, that's a neat idea of Mrs. Jefferson Davis, having her hus- our sorrows." Tactful friends "syndicate" band's bronze image represent him in the both their joys and their sorrows. The North, but to a limited extent he is able Northern troops. Only thus, she says, can is beautiful upon the stage, but in real life she successfully combat the false statement dressed in skirts.

The great amount of ice in the upper lakes the past winter will delay lake navigation until a later date than usual. This is unfortunate, for the ships to move freight were taken off a year ago for transportation service, and have not yet been returned. There is sure to be a large increase in the fleet by making new boats the coming summer. Freight will probably be high all through the season. The commerce of these lakes is already greater in the tonnage of vessels than that between America and Enrope.

Our Consul General at Yokohama, Japan sends to the Agricultural Department a clipping from the Japan Times, which says:" The demand for butchers' meat in Tokyo is daily increasing. The number of cattle, swine, horses and sheep butchered for meat last year aggregated 21,040 dones and one and died on this day. It was also the birthsheep. Five or six years ago the demand day of Turner, the painter, of Anson, who for horsefiesh was very insignificant, but first took the English flag around the globe, for horsellesh was very insignmental and of Froude, and was the death-day of at present about 600 horses, on the average, and of Froude, and was the death-day of not fail to recover the broad expanse of elect of the 56th Congress, to go into law are slaughtered monthly." More sheep would be used but Japan is not well adapted to growing sheeping.

which occur because some easily inflamma. about A. D 300, ble material, such as curtains, draperies and clothing, comes in contact with flame may all be avoided if people will take the precaution to wash such materials in a solution of phosphate and ammonia. This makes them fireproof. If a small amount of this were put in the water used for washing clothes hundreds of lives of little children would be saved every year. Prof. Ogden Doremus of New York is the discoverer of this method of making clothing fireproof. He was led to investigate this subject because many years ago he lost a child when it was very small, because its clothing caught fire. He resolved then that he would not stop investigating this subject until he had discovered an easily applied way to make all materials for clothing immune from five. Clothing that has been treated thus will be only secrebed by fire, but will not bleze into flame.

While there is a general impression that the native Indians are slowly dying out, it appears by census statistics that including the half breeds they are about as numerous as they were half a century ago, when Schooleraft reported the number of 388,229. By the special Indian census as 1890 there were shown to be 325,464, of whom, however, only anown to be 320,403, or whom, however, one called "a triplet of crosses," for it is Utah and other States of the arid belt. 189,447 are returned as full blood. Indeed composed of the cross of Si. George, These are nearer the Rocky Mountains, which are recognized by the United the cross of St. Andrew and the cross where there is always an abundance of rain, States, and they are to be found in of St. Patrick, thus: the flag of "St. George and can be watered with advantage from States, and they are to be touch a for Merrie England," a red cross on a the mountain streams which appear as if 30 States and two retritories. There is white ground, the red lines drawn straight designed for this special purpose. the Indians occupy now as compared with from top to bottom and from side to side; All the time men were deploring the aridthe Indians occupy now as compared with the flag of St. Andrew for Scotland, a white ity of the arid regions of America, these double that, but beekeepers here should not a double that a double th 50 or 100 years ago. The Indians never cross on a blue ground; the flag of St. streams had for ages been wasting them-be discouraged if their product is not half as many California oranges cases are simply the ordinary breakfast be discouraged if their product is not half as many California oranges cases are simply the ordinary breakfast be discouraged if their product is not half as many California oranges cases are simply the ordinary breakfast bediscouraged in their product is not half as many California oranges cases are simply the ordinary breakfast bediscouraged in their product is not half as many California oranges cases are simply the ordinary breakfast bediscouraged in their product is not half as many California oranges cases are simply the ordinary breakfast bediscouraged in their product is not half as many California oranges cases are simply the ordinary breakfast bediscouraged in their product is not half as many California oranges cases are simply the ordinary breakfast bediscouraged in their product is not half as many California oranges cases are simply the ordinary breakfast bediscouraged in their product is not half as many California oranges cases are simply the ordinary breakfast bediscouraged in their product is not half as many California oranges cases are simply the ordinary breakfast bediscouraged in the case of th raised large families, and their increase in close of a selves underground and waiting to be that amount. Probably much less than arrived, which is forcing prices up a little. They are apt to toughen in standing. They white ground, the parrow red lines tapped. The same is probably true of most half that would show liberal payment for Navyle 150 to 176 counts good to choice. population was kept down by war among that amount. Probably much less than arrived, which is forcing prices up a little. The same is probably true of most half that would show liberal payment for Navels, 150 to 176 counts, good to choice, and by sickness, which often half that would show liberal payment for Navels, 150 to 176 counts, good to choice, and the triple effect, as they did not arrived, which is forcing prices up a little. They are apt to tougher in standing. They drawn from corner to corner. By place arid regions. Water is found in the Desert all the time and labor expended in their same is probably true of most half that would show liberal payment for Navels, 150 to 176 counts, good to choice, and they did not be served while not, as they did not half that would show liberal payment for Navels, 150 to 176 counts, good to choice, and they did not half that would in the Desert all the time and labor expended in their same is probably true of most half that would show liberal payment for Navels, 150 to 176 counts, good to choice, and they did not have a very pretty appearance when cooked all the time and labor expended in their same is probably true of most half that would show liberal payment for navels, 150 to 176 counts, good to choice, and they are apt to tought a payment for navels, 150 to 176 counts, good to choice, and they did not have a very pretty appearance when cooked all the time and labor expended in their same are the counts. themselves, and by sickness, which of the raged with terrible effect, as they did not ing the cross of St. George on that of St. know how to resist it. The Indians who have "the Jack" as ordered wells. The entire reclamation of this have "the Jack" as ordered wells. The entire reclamation of this have "the Jack" as ordered wells. The entire reclamation of this have "the Jack" as ordered wells. The entire reclamation of this have "the Jack" as ordered wells. The entire reclamation of this are adopting white men's ways are now in are adopting white men's ways are now in 1606 by James I., whose signature was desert is among the possibilities of the near possible to in 1606 by James I., whose signature was desert is among the possibilities of the near possible to the near possible of the of the Indian race has ever before done. There is considerable Indian blood in many white families who have never suspected such an admixture.

Tact and Letter Writing.

kind of tast necessary for notes can be the redemption of mankind. easily assimilated,-is, indeed, absorbed every day by devoted readers of the "Correct Letter Writer" and similarly maternal

ing the letter-writing stage of development. lishers of the future. But, like most plotu- Except its seals, whose value even then was underdraining land has its effect on climate. there is too much else that is interesting to have attracted world-wide attention, and to make an appreciable change in its clibe done,—but certainly in summer, and to a though most of the mining district is either mate. The deep underdrain brings to the of the farmers in this section are likely to abundant at \$15 to \$20 a hundred. the busiest of us. For in these days of side to give greatly increased value to the well, whose waters will flow quite considerrapid transit and well-nigh perfect postal territory. service, distance is no damper to friendfive years ago, this, except between rela- and gives to the State of Washington a amount of moisture in its atmosphere, and

ever is there need of tact. things about letter writing. Prompt answering, which is one of these, has been the coast are extremely mild. In summer extending his ability to live farther into taught us from our youth up, yet how la. the only drawback is a good deal of rain, the Arctic region. The most difficult of all mentably, depressingly, discouragingly but crops of potatoes, of oats and of barley problems for those not used to a tropical few are the friends who really answer can be safely grown. Grass and hay can be climate is to accustom themselves to it. In letters. Could any friendly conversation, easily grown everywhere. Add to this the other words, tropical diseases are harder to any stimulating interchange of ideas, be value of fisheries in the rivers and bays, and fight than the perpetual snow and ice of the possible if each of two companions, talking there will be found the material resources Arctic regions. Yet some tropical region face to face, should ignore suggested topics capable of supporting a large population. as stolidly as many a careless corre-

approximates the absent friend. made to conceal thought must bave been in Alaska is made a commercial centre.

key to the whole matter. The friend who

delightful letters. These may not be long, they may not be frequent, but they will never ask probing questions, and they will always adapt themselves to suggested moods and topics. Nor will these tactful, epistolary expressions; of warm friendship be chary granted that that other also cares, and thus trusts enough to talk of personal matthe man would be selfishly chivalric. The

paper. about to commit matrimony might here be unheeded by his millions of descendants. written. But one "don't" must suffice, and that has to do with losing one's temper. Temper losing is always injudicious and often fatal, but lesing one's temper on paper is-what is worse from a tact point of view-unpardonable, because irreparable. For when the temper is recovered the letter is gone to burn like red-hot iron the tender heart of the friend we have said we love.

St. George's Day.

The English Church calendar marks St. Wordsworth. The exact date of George's martyrdom cannot be determined, but it is recorded that he was be- American Desert," and stretching thence is probably a mistake. He is forever out of headed in the " tenth or last persecution," The great number of destructive fires under Diocletian II. and aMaximinianus,

St. George was born in Cappadocia, of noble Christian parents. Strong and robust, stretched across this broad area, followed which it is said was the inducement he became a soldier, and rose to great disclosely by railroad lines. It was a wretched to make the change. It will be hard to he became a soldier, and rose to great dis- closely by railroad lines. It was a wrested to the tinetion under the Emperor Dioclesian II.; country to sustain either railroads or tele- fill Mr. Reed's place, though his be soon had 36 extra large queen cellbut, when the latter made war sgainst the graph lines. But pretty soon it was noticed opposition to national expansion will that where the telegraph and railroad lines lessen the regret that otherwise would be tory queens as he ever had. After removing sion, and sided with the persecuted. He were run, rains followed at times of felt when he abandoned public life. Perwas cast into prison, tortured with great year when none were known before. Peo- haps Mr. Reed sees at last that he has mis cruelty, and then led through the streets of Nicomedia and beheaded.

on horseback, tilting at a dragon under his possession of that region, and that thencefeet, is symbolical of the Christian faith forth natural conditions were to be changed everywhere proud of his abilities and of warring against the devil, called the Dragon for man's benefit. in the Apocalypse. The killing of a dragon of heroes in both ancient and me- earth would leap to the surface ready to disval times. It is the imperial em- serve him. Scores and even hundreds of biem of China, and is regarded by the artesian wells have been dug in all the arid Chinese as a kind of divinity, but by other nations as the type of fierceness, cruelty or ever these artesian streams run irrigation watchful malice. The English in all their their war cry. Shakespeare has it in "Henry V." before Harfleur:

"Follow your spirit: and, upon this charge, Cry-God for Harry! Rugland! and St. George!" land's national banner, which has been same conditions are in progress in Colorado, be considered profitable farming. Patrick over that of St. Andrew, and then cooler than now, and some of its northern placing that of St. George over both, we portions may become less adapted for man's

The Value of Alaska.

It will not be disputed that public appre-Seward acquired from Russia 32 years ago out and before the grain has matured. If this is true, it will be hard on the pub. has greatly increased since that early date. Even so simple a matter as thoroughly longer write letters pour passer le temps,— coveries of gold in the far northern portion sion of this process over a county or a State large extent in winter, too, there is still conclude a close to or over the Canadian line, there are surface even in winter some of the earth's make a fortune in beekeeping, but we think siderable epistolary agitation even among enough gold discoveries on the American internal heat. So also does the artesian

ship. Now we cultivate people who are modified by the warm current from Japan, been many artesian wells sunk in Manitoba, hundreds of miles away, where even twenty. which flows along our northwestern coast, and to this possibly is due the greater tives, would have been deemed absurd. much milder climate than its latitude sug-All of which shows that now more than gests. It is likely that when laws for ac- ditions which create the blizzard during its quiring land are put in operation in Alaska, winters. Of course there are some very obvious much of the land fitted for farming pur- With the artificial protection which

We are learning lately that the strategic and it is near the tropics that a large part spondent does? It is to be presumed importance of Alaska as making the base of the human race is to be found today. that friends are interested in some for the shortest route to Asiatic countries of the same things. Why not talk on paper is much greater than has been supposed. about those things? The things you like So much shorter is the distance across the citizens of our new possession, Porto Rico, to talk about are so trivial, you say, that Pacific in the higher latitudes, that even in Is in Washington with a petition from the they're not worth writing. But, trivial going from San Francisco to Manila dis-people of that island that they be allowed though they be, the friend who likes to hear tance and time are saved by keeping well to some form of local self government in place you talk about them will probably like to the north near the Behring sea until the of the military rule that now prevails. have you write about them; certainly the coast of Asia is reached. Uitimately the Gen. Henry is the military commandant on ideal letter is the one which most closely city of Seattle on Paget's Sound seems desapproximates the absent friend.

city of Seattle on Paget's Sound seems desapproximates the absent friend.

city of Seattle on Paget's Sound seems desapproximates the absent friend.

city of Seattle on Paget's Sound seems desapproximates the absent friend.

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city of Seattle on Paget's Sound seems desapproximates the absent friend. The Frenchman who said language was unless some still farther northern seaport and made property rights secure. But find it readily put a little honey on it or on

referring to the written speech. How many The chain of Aleutian Islands which yet lacking. They are themselves altracted by it very quickly. It is said that people, easy, natural, delightful when we stretches from southern Alaska almost to lowed to take no part in governing they will work in sawdust, and carry that talk with them, seem suddenly stiff, con- the coast of Asia assume new importance themselves. They have never rebelled away in the same manner, but we have solous, artificial when paper and ink be- by this diversion of trade to the far north. against our authority, were entirely quiet never seen them do so. come their medium of expression! Ev!- A coaling station is to be established on when our forces came into the island and to dently they try to "compose," quite forget one of these islands, and quite recently it is keep them under military rule seems to ting that we find them congenial comrades when they are themselves. On paper they quality of bituminous coal on some of them. when they are themselves. On paper they of the exports from Boston for the week talk up to us. Flattering, but unpleasant! These islands are all slowly rising out of be. The course of these Porto Ricans dif-When we remonstrate with them they tell the ocean, and ages hence may form a us that writing is not easy for them, but they leave us unconvinced, for we feel that they leave us unconvinced, for we feel that they leave us unconvinced, for we feel that the petition should be considered.

The course of these Porto Ricans differs so entirely from that of the Fill- as they should be in the latter part of corresponding week last year. From New places were the insurgent Aguinaldo that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that there is a queen and a good one. Or, we feel that the ocean, and ages hence may form a fers so entirely from that of the Fill- as they should be in the latter part of corresponding week last year. From New places we have a good one of the corresponding week last year. From New places we have a good one of the corresponding week last year. From New places we have a good one of the corresponding week last year. From New places we have a good one of the corresponding week last year. From New places we have a good one of the corresponding week last year. From New places we have a good one of the corresponding week last year. From New places we have a good one of the corresponding week last year. From New places we have a good one of the corresponding week l if they used every-day speech instead of route whereby the people of northeastern But it should have been made to Congress if when the hive is opened the colony is packages.

This word " personality " is, perhaps, the There is both agriculturally and commeris tactful and kind will write pleasant and stead of looking for it to be always a region of solisude, with snew and ice and polar bears for company, it is likely in the early part of the next century to have a population that will entitle it to admission as one of the States of our Union.

Man's Amelioration of Nature.

Man alone of the animal creation is able to live in every climate from the torrid to Congress to represent their interests. Some one has called the ill- the Arctic. In this very largely consists his bred tendency to be over generous superiority. For man is not only able to in telling our troubles "syndicating protect himself from the burning sun of tropic climes and the chilly broszes of the clothing he wore when captured by the Cyrano de Bergerac silence about a wound to change the natural conditions that seem most opposed to him and make them favorable. While he can only to a limited that Mr. Davis was taken while fleeing woman would like him all the better for extent change the climate of whatever lotelling her of his wounds, whether literal or cality he inhabits, such changes are quite figurative, whether told verbally or on often of the greatest economic importance, as they make regions habitable by man that If tast is necessary for the safe conduct of were before he took possession supposed to a face-to-face friendship, it is absolutely be almost if not entirely unfitted for his indispensable when letters serve to bridge residence. It shows at least that the old the interests of absent friends. Dozens of command to man to till the earth and posapplications for Punch's advice to the man sees it has not been either forgotten or

In one sense, indeed, all man's work in conditions. Nature never gave man cultivated and blooming fields rich in grain and and then tells him to make the best he can which man does not at the time suspect, George's Day as April 23, and it is worthy soil and even in climate that he would have been deceived by the attempts of the lawporses and sneep business and into of observation that Shakespeare was born deemed impossible. It is of such changes as this last that we wish to write now.

Those who are old enough to remember the geographies of 50 or more years ago canterritory marked westward of the State of practice in New York, comes unexpectedly, Missouri on most maps as "the Great and so far as Mr. Reed's future is concerned westward to the Rocky Mountains. It was politics, for a man who was making \$15,000 said of this great region that it never could to \$18,000 in public life ought not to be led be habitable by man because of its aridity. away from his duty to his constituents, After a few years telegraph wires were ple attributed this to electricity following taken the popular feeling on this subject. the wires or the iron tracks. Really, these Even in his own State of Maine the ma-The frequent representation of St. George first rains were the sign that man had taken jority does not approve his opposition to

Pretty soon man found that by digging popular feeling, he has avowed his convicwas reckoned among the greatest feats deeply enough water from the bowels of the States, most of them overflowing. Wherwas possible, and soon, as far as it extended,

"the Jack." By laying the cross of St. cooler that Europe to the north will be rists sell theirs for. May our own American flag and the Eng- favor of adapting it more to man's uses.

The time of the letter writer, and nence the list mag ever wave together in boats, and make we have been one product in light supply, dressing for a while. need of tact, is at hand. During the white, social conditions are apt to be normal, and, the one proclaiming the starry heavens, intensely cold snow storms in winter than mean to go on foot if we cannot get a two-half boxes, fair to good, \$1.50 to \$2.50, for the most part, people talk directly with symbolical of God's infinite power,—the there used to be. This is what has so modtheir friends. Notes do the rest, and the other emblematical of His greatest work, crated the winters in Manitoba and British Columbia, which were once supposed to be or to stop eating eggs because our hens do of Jamaicas sell from \$2.25 to \$3. Valencia so intensely cold as to preclude human not give us 200 eggs each in a year. Both are now large wheatgrowing and stock-growing provinces of the northern dominion, though wheat is someolumes.

Some one has said that we are outgrowclation of the Alaskan territory which Mr.

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was probably man's first home on earth.

sion as a State in the Union. Both Cubans and Pilipinos have relied on their military government more or less hostile to our own military authority. The Porto Ricans have had no such obstruction in their way, and they are evidently all the better prepared to the presence or absence of brood in the be entrusted with some measure of self gov- comb. There may be a young queen which ernment as a territory, with a delegate in has not yet begun to fill the brood nests.

There is a "milk inspection" craze in Connecticut, and as usual in such cases, it is inspired by the State Board of Health. A bill has been introduced giving to the health officers of every town, city or borough in the State the power to appoint an inspector, whose duty will consist in inspecting not only the animals giving milk, but the buildings in which they are kept, as well as the dairy and other places where dairy products are kept. If the nspector finds that either the animals or their products are kept in conditions not cleanly, it shall be his duty to at once notify the prosecuting officer, who shall prosecute the offender. The inspector may also prohibit such person from selling milk, and if he persists after such prohitilling the soll is an amelioration of natural bition, he will be subject to a fine of \$25. This is re-enacting all the harsh provisions of the old tuberculosis legislation. The truit. Nature gives man a wilderness, with | milk producers of Connecticut ought to unitcomparatively little that can attract him, edly protest against it as an insult to them. None of them keep either their cows or of her gift. Man goes to work and within milk in uncleauly conditions, for every a few years the wilderness will bud and milkman knows that to do so would be blossom as the rose, while in other ways ruinous to his own interests. The best inspection of milk is that which it is sure to what man has done has worked changes in receive from the consumer, unless he has

> late speaker of Congress and a member even by the offer of \$50,000 per year, the independence with which, even against

The retirement of Hon. Thomas B. Reed,

A farmer in Genesee County, N Y., is reported as having received between April 1, 1898, and April 1, 1899, in round figures, from 50 acres apple orchard, \$12,-500, from 15 acres pear orchard, \$2300 from old battles used the name of St. George in a broad belt of vegetation of every kind 750 ewes 400 hothouse lambs, \$2400, and was exhaling moisture into the air, which nearly 400 spring lambs, \$2380, and his crop at \$3.25 to \$3.75. Fair cooking No. 2 at former cook much more quickly and are was exhaling moisture into the air, which of cabbage \$800, a total of \$20,380. He also \$2.50 to \$3.75. Fair cooking No. 2 at lottuer cook much more quickly and are until the wells were dug had always been of cabbage \$800, a total of \$20,380. He also \$2.50 to \$3. Cranberries are scarce and liable to lose their shape if cooked with arid. The States of Kausas and Nebraska sold six tons of wool, but this was more will soon be cleaned up. Choice dark the stems. Drain the asparagus and were fifty years ago a part of this arid than one year's product. His expenses have The banner of this tutelar saint bears belt. Now they are generally as well been large, but it is said that they do not the straight cross, the foundation of Eng- watered as Missouri or Arkaneas. The exceed one-third of his receipts. This may

Bees and Honey.

larger amounts than that, even more than weight 55 to 65 cents. this have any surplus honey, whether in comb sounts, \$3 50 to \$4, 216 at \$3.25 and 250 to 288 halves crosswise and remove the pulp; also always "Jacques"; hence the expression future. But this will make the air so much ter price for it among the California apia- \$2.75. Seedlings good to choice, all over a dressing made of one tablespoon of

have "the Union Jack" as borne since the use. Mostly, however, the changes which they should encourage us to keep striv \$3.25 to \$3.50, and fancy at \$3.75 to \$4.25, chopped tarragon and garnish with small man's occupancy of land makes are all in ing to approach them, but they should not half boxes \$1.50 to \$2. Tangerines, plees of cooked cucumber. The salad The time of the letter writer, and hence the lish flag ever wave together in beauty and since the era of greater rainfall in the can with what we have, and improve upon to \$3 for fair to good, and \$3.25 to \$3.75 for tangerine have been allowed to stand in the minute pacer; to eat any less butter because choice \$2.75 to \$3, with some fancy and all cows do not produce 21 pounds a week, extra fancy at \$3.25 to \$4.25. A few boxes

But we have seen people do just such want \$6 to \$6.50 a case.

many of them could keep a few coionies almost without expense, and with a little able distances in the coldest weather before care which would be a pleasant change from Southern Alaskan climate is greatly a film of ice forms over them. There have other duties, easily secure a supply of valuable table food, and, as a Rhode Island butter are increasing and prices are going Yankee used to say, perhaps sell "enough down in all markets. While the best marks to buy the baby a pair of shoes."

standing near together in the same orchard, when one had as good a chance to gather examining his hives should not forget to look for the pollen supply, and if he thinks last of the week. it is not a anficient one for the coming brood he should provide a substitute.

There is no better substitute for the There is no better substitute for the poem nearly leading that a finely ground grain, either oat and it must be strictly fanoy to reach highpowdered sugar, three-quarters of a teaspoon of vanilla, and as the mixture begins best for this purpose. It is not necessary to well at quotations, but the demand for sec- to thicken, fold in the whip from two cup at the eve of the season of Grand sift out the fine for them. They will do that, and leave the coarse and hulls behind the Porto Ricans find that something is the side of the pan, and they will be at-

"language," their letters would be as Asia held their first communication with while it was in session. It is Congress, not found in a compact body upon the comb or the northwestern portions of this continent. the Executive, to whom is given the control upon the brood comb, it may usually be of territory, and authorizing their people to taken for granted that the queen is in form a territorial government has always the body. But if the bees scatter been the preliminary before the people of a all over the combs, and appear to be territory can prepare themselves for admis- greatly excited by the opening of the hive, the probability is that they have lost their oneen, and it would be better to doubt her being there until she has been seen and

This perhaps may be a more sure test than or an old queen may have started to make brood and died before the examination.

We should think a man had poor indgment who refused to feed his cow after she stopped giving milk, and said she must wait for more food until it grew in the pasture, or die if she could not wait. Yet there are those who will not feed their bees, although they robbed them of their surplus product last summer, and they know that the past winter has been such as to lead them to consume more honey than usual. In some seasons a colony might begin the winter with 25 pounds of stores and not use it all before they could get more. This winter 30 pounds is not likely to prove enough, and few pounds of sugar, given either as candy or as syrnp, would make the difference be. tween a large, thrifty colony or an empty hive next May. Sugar is cheap enough now, but if the bees need feeding it would be cheap at 20 cents a pound.

In making syrup for the bass now it does not need as much sugar as it would for feedsugar and water by weight, or a pound of sugar to a pint of water makes a good syrup. while for winter feed we would use twice that amount of sugar, and even then think it not as good as to make a candy of it. Put it in the hive above the brood every time.

A correspondent of Rural Californian tells how he raises queens. He takes the queen away from a strong colony in the honey season, or at about swarming time. removes all unsealed larva, leaving sealed brood and eggs, and introduces two frames of eggs from other queens, thus having three frames of eggs in different parts of the hive, separate from each other. Then he went to other colonies for inside working bees or nurses until the hive was running over full of nurse bees that had never taken an outside flight, with nothing but these cells and queens, he filled up again with nurse bees, and gave four frames of eggs in different parts of the hive. This time they built 38 queen cells, and though Hawaiian annexation, though people are weather, what he saved were perfectly satisfactory. He believes in large hives and strong colonies for rearing queens.

> Domestic and Foreign Fruit, Although Boston retained nearly 800 bar-

> rels of the receipts last week, it did not pre-

cases are scarce, and those who have them

foolish things, because they could not establish as large a record as some one else \$2.50 to \$3 for fair to good, choice to fancy had made. We have known a man who \$3.25 to \$3.50, half boxes \$1.25 to \$2.25 as to mould. Pask the mould in salt and ice, thought it was of no use to get the service quality. Messina and Palermo lemons good of a better buil than he had, because he had at \$2 to \$2.50, and choice to fancy \$2.75 to hours. The pink of the strawberry ice read in some paper of one that had been \$3.25. Turkish figs 15 to 25 cents a pound sold for \$5000, and the paper said that such and dates at 4½ to 5 cents. Bananas in large is a very pretty combination, and the resque phrases, this statement is probably resque phrases, this statement is probably and dates at 4½ to 5 cents. Bananas in large and dates at 4½ to 5 cents. Bananas in large and the clear white of the inside mixture sold for \$5000, and the paper said that such a one was what was needed to improve the a one was what was needed to improve the supply and steady at \$2 to \$2.50 a stem for taste is as good as the appearance. No. 1, \$1 to \$1.75 for No. 2, and eight An ice cream may be used for the centre We do not expect that our readers or any hands 75 to 85 cents. Pineapples more

> Butter Market Lower. With weather milder and fresh cows

are nominally but one cent a pound lower Some colonies will store up considerable 1; cents if quality is considered. Yet as mounts of pollen in the combs, that they the stock on hand here is not large, we may amounts of pollen in the combs, that they the stock on hand here is not large, we may may have a supply when they begin to rear see butter go up again if we have a cold brood in winter or early spring, while others storm, or it may go still lower if grass crop neglect this precantion, and cannot rear and starts well. Whether the decline in prices feed much brood until the flowers blossom. will create a quicker demand, or whether Why there should be this difference we have buyers will continue to hold back for a lower never seen explained, yet we have been rate, is not easy to foretell. One thing is told of its having been noted in two hives sure, no dealer desires to put in a large sup. put through a cheese cloth to remove the ply of April butter, as it lacks the delicate pollen as the other. The beekeeper when cows have exten grass a week or two. The enough color. receivers are hoping for a brisker trade the

same rates as Northern, but there has not cup of scalded cream. Strain into a bowl been heavy receipts from Western points, set in ice water, add quarter of a cup of onds and lower grades is very small.

cold-storage warehouse on Saturday was wine, add half a cup of Curacoa, the 3752 tubs, against 898 tubs same time last year. The Eastern Company holds only nine packages. Receipts of butter for the week were

16,346 tubs and 31,135 boxes, a total weight of 794,731 pounds, against 779,206 pounds the previous week and 762,330 pounds corresponding week last year. For the first two In examining a hive to see if it has a good days of this week the receipts are a little

The exports from Boston for the weel

Boston Cooking School.

All ingredients in the following should be measured level.

The lesson given at the Cooking School Friday morning, April |21, was the last of the course, and covered the demonstration a variety of recipes, most | of them quite elaborate, but given at the request of patrons of the school. Chicken Mousse, Sweetbreads a la Mont Vert, Asparagus in Cases, Orange Salad, Bombe Glace and Claret Cup was the programme for the morning.

CHICKEN MOUSSE.-Make a chicken forcement of half the breast of a raw chicken, the white of one egg, half a cupful of heavy cream, with salt, cayenne and pepper to taste. Add three-quarters of a supful of cooked white chicken meat rubbed through a sieve, an additional white of an egg beaten stiff and a half; cupful of heavy cream, also beaten stiff. Decorate one large mould or several small moulds with troffles, or omit if preferred, turn in the mixture and bake in a pan of hot water until firm. Remove to a platter, and pour around them a cream or Bechamel sauce.

It may be found necessary to add another white of egg if the mixture is not stiff enough. The cooked chicken should be sold when used or a separation is liable to take place It desired to serve the chicken monage cold

instead of hot, it may be served in aspic.decorating a mould with truffles and the whites and yolks of hard boiled eggs, then pouring in aspie around a smaller mould set inside ing in winter, that is, about equal parts of the first mentioned. When the thin wall of asple between the moulds has hardened, the inner mould may be filled with hot water, and as soon as the jelly softens a little, the mould can be carefully taken out and the space remaining filled with the chicken mousse.

SWEETBREADS A LA MONT VERT .- PATboil in salted, acidulated water two pairs of sweetbreads which have previously been put in cold water to draw out the blood. Plunge again in cold water as soon as parboiled, then decorate with truffles. Put in a pan with three tablespoons of butter, two slices of onion, six slices of carrot, and fry five minutes. Pour off the surplus butter, add two tablespoonfuls of sherry wine and quarter of a oup of rich brown stock. Cook in the oven twentyfive or thirty minutes, basting often until well glazed. Serve on nests of puree of peas, made by draining one can of peas, rubbing them through a sleve, and seasoning with salt and pepper, adding three espoons of butter or cream. Shape the nests by means of the pastry bag and tube, aking them dainty in size. Pour around the nests when served a sauce made as follows: Cut three large mushroom caps in halves crosswise, then cut in strips. Saute in two tablespoons of butter five minutes, dredge with one tablespoon flour and add one cup cream. Strain the gravy left in the pan from the sweetbreads, cook two minutes and serve.

This dish is one served at the Touraine and given at the Cooking School by request. ASPARAGUS IN CASES .- Clean asparavent prices going up a little on some goods. gus, snapping off the white ends and re-No. 1 Baidwine firm at \$4 to \$4.25 a barrel, moving the scales. Cut in one-inch pieces and some fancy lots are higher. Spy \$3.50 and cook until soft, it being better to cook to \$4 50 and Roxbury Russets selling slowly the stalks and stems separately, as the being \$9 to \$10 a barrel, with fair reheat in a white sauce, allowing to good at \$7 to \$8, or \$1.50 to \$2.50 a box. one cupful of sauce for each bunch of Florida strawberries coming plenty and asparagus. Serve in cases made as folpretty good. A few fancy sell at 35 cents a lows: Make a very thin batter of one cupful box, but more at 25 to 30 cents. Evaporated of flour, quarter of a teaspoonful of salt, apples dull at 8 to 11 cents a pound. Maple seven-eightns of a cup of milk, one egg we.l It has been reported that about 50 pounds sugar in fair supply at 10 to 13 cents for beaten and half a teaspoon of melted butof honey to a colony is considered an aver- small cakes, 10 to 11 cents large cakes and 9 ter. Beat two minutes with an egg beater age yield for the season in California, and to 10 cents in tubs and parts. Syrup at 70 to and bake in hissing hot iron gem pans. we have noted some statements of much 80 cents for gallon cans heavy, some light Remove the tops and the soft centre, and fill with the creamed asparagus. These

counts, at \$2.75 to \$3 and Mediter- oil, half a tablespoon lemon juice, half a Large records are occasionally made in ranean sweets \$3.25 to \$3.50. Bloods tablespoon hock and two teaspoons at \$2.75 to \$3 for fair to good, choice powdered sugar. Sprinkle with finely control of the stablespoon hock and two teaspoons at \$2.75 to \$3 for fair to good, choice powdered sugar. beekeeping as they are in other things, and at \$2.75 to \$3 for fair to good, choice powdered sugar. Sprinkle with finely discourage us from trying to do the best we quarter boxes, \$1 to \$1.75, half boxes \$2.25 will be much improved if the sections of

BOMBE GLACE.-Line a mould with strawberry ice, fill with a thin charlotte russe mixture, cover with buttered paper and put the cover of the mould on firmly. and put the cover of the mould on firmly.

If the mould is filled to overflowing, so that it will run over then the cover of the cover instead of the charlotte russe mixture if preferred, packing it in three measures of ice to one of salt, as the ice cream has been once frozen. Let stand only one hour if the centre is of ice cream. Ice cream may being added to the dairies, the receipts of also be used for the outside, but a sherbet bears freezing; stiff better than ice cream, and is more suitable for the purpose.

STRAWBERRY ICE .- Make a syrup by boiling four cups of water and one and a syrup is cooled, add two cups of strawberry jules and one tablespoon lemon jules. Strain and freeze, being careful not to freeze too stiff, otherwise it will be more difficult to line the mould with it. Two boxes of strawberries were used at the lesson, the berries first being mashed, then seeds. Color the sherbet with a little fruit flavor which will be expected when the red if the strawberries do not give a rich CHARLOTTE RUSSE MIXTURE .- Soak half

a tablespoon of gelatine in two tablespoons Prime Western butter holds at nearly the same rates as Northern, but there has not cup of scalded cream. Strain into a how of thin cream.

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strained juice of one orange, two table. spoons of brandy, a bottle of Apollinaria water, the rind of a cucumber, some mint leaves and a few fresh strawberries, Sweeten to taste, using for the purpose a syrup made by boiling augar and water

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Save none of i To keep at home Hand This sk worth 2:

pounds iter save saves all on the fa afford to tility. (20 free.

MARKETS.

Week ending April 26, 1899. Amount of Stock at Market,

Values on Northern Cattle, etc.

Wool Pelts. - 75cg\$1.00 each; country lots.

Arrivats at the Different Vards.

Watertown 1639 6132 15,354 1355 518

Cattle, Sheep. Hogs, Veals, Horses,

Canada

At Watertown
J A Hathaway 72
J Gould 181

J Gould 181

Massachusetts.
At Watertown.
J S Henry 14
WA Bardwell 3
At Brighton
J S Henry 117
R Connors 22
Scattering 75

Scattering
H A Gilmore
O H Forbush
A M Baggs
C D Way
C D Lewis
H E Eames

Save the Skim Milk.

Yards: Cattle, 2475; sheep, 23; hogs, cal caives, 867; horses, 100. From a cattle, 46,700 hogs, 100 horses; from 7 cattle, 503 caives; New Hampshire, Massachusetts, 298 cattle, 23 sheep, 256 caives.

of beef and sto e cattle at the

23

Vesl Calves .- 31/2 @6c D 16.

Cattle, Sheep.

At Brighton

Holt & Son 23 Lowe 17

aniey ampson& 30

At Brighton.

Carr & Williamson 15

A A Pond 11
Shippers 70
Fred Savage 14
B N Jenne 7

& Fel-33 14

Aster ers. We fly. 8end of ON eds

******* ****** allow wells d fire service R CO., ******

Plants TING. Full descrip . Full descripor a for growing remont, N. H. HORSES,

at animals which can-ntrol and

PAID. 4, Boston, Mass.

JDGET

H 26, **Portraits** paper of

nann-Heink RDICA. S.

EMBRICH

SSLINGER.

GARD.

mber, issued on of Grand , March 27 to of Mr. Mausuperb paper mpany.

STREET.

Farmers are basinning to really, that practi-cally all of the fertil z-ing value of milk is in the chine. NTS. land Separator. ng dealers, or blication, will mpany,

This skim milk is worth 22 cents a 100 pounds for feed. Better save it. This plan saves all the fertility on the farm. on the farm. You can't afford to sell your fer-Catalogue No.

milk, and

BANCHES P. M. SHARPLES,

yards this week, aggregating 2475 head, and of the number 1938 head were from the West for home and export trade. We found the market in a fair condition as regards prices and activity. Butchers were will ng to stock up, and soon a clearance was effected at steady prices and a better demand. Western steers placed here at 4\(\frac{3}{4}\)\(\ext{\omega}\)6\(\frac{1}{4}\)e, i. w., and a number of carloads went direct to butchers upon arrival. O H. Forbush sold heef cows from 750\(\omega\)980 its at 24\(\frac{4}{2}\)\(\frac{1}{2}\)c.

J. S. Henry sold bulls at 3\(\omega\)3\(\frac{1}{2}\)c. A. M. Baggs sold 2 cattle, of 3190 its, at 5\(\frac{1}{2}\)\(\omega\) (2 of 3440 its at 5\(\omega\) (3 oxen, 13.390 ibs, 35 steers, of 11.330 ibs, at 5\(\omega\) (2 oxen, 13.390 ibs, at 5\(\omega\)c. Ed. Robiuson sole 4 cattle, 6690 its, at 5\(\omega\)c. Ed. Robiuson sole 4 cattle, 6690 its, at 5\(\omega\)c. Eate Arrivals and Sales. BOSTON LIVE STOCK MARKET. Shotes and Fat Cattle. Sheep. Suckers Hogs Veals This week. 4'14 6155 185 32,234 2222 185 3684 5267 150 30,584 1816

Late Arrivals and Sales.

A large number of cows changed hands and the arrivals are over 500 head. For fancy cows good prices are paid. The difficulty lies in the disposal of the common to fair kind of cows. 350.

A voung Calves.—Fair quality, \$200.

A voung cave are paid. The difficulty lies in the disposal of the common to fair kind of cows. So one self and vous self in the disposal of the common to fair kind of cows. The wall of the common to fair kind of cows. The wall the disposal of the common to fair kind of cows. So one self values in the disposal of the common to fair kind of cows. So one self values in the disposal of the common to fair kind of cows. The wall the disposal of the common to fair kind of cows. The wall the disposal of the common to fair kind of cows. The wall the disposal of the common to fair kind of cows. The disposal of the common to fair kind of cows. The disposal of the common to fair kind of cows. The disposal of the common to fair kind of cows. The disposal of the hundred pounds on total weight of not meat, extra, \$6 00@6 50; first a5 75; second quality, \$5 00@5 25; \$4 00@4 75; a few choice single 7.50; some of the poorest, buils, Late Arrivals and Sales.

righton, 7% @Sc P to; country lots, skins. - 75c@\$1.00. Dairy skins, 40@ Milch Cows. Tallow. - Brighton, 3@31/2c & to; country lots.

The complement of milch cows does not diminish to any extent. They still come in large numbers from Massachusetts and other New England States freely, and it is a wonder where they all go to upon arr val, but they go off in herds by speculators, to resell, and although prices are easy they seem to find sac All descriptions are on sale, and we noticed one milker, very fancy, from New Hampshire, by F. W. Wallace at \$75, who also soid 25 cows from \$30.655. Libby Bros. sold various cows from \$30.657; 10 cows from \$40.647; 10 cows from \$26.638.

Veal Calves. Between 800@900 head on sale at Brighton yards. The market rolds much he same position as last week. But few br ng 6c; sales run largely at 5½@53½c. Harris & Fellows, 175 cows, av. 115 pounds, at 5¾c. Thompson & Hanson, 48 calves, 5790 pounds, at 6½c: sale of 12 calves, 150 pounds, at 6c. M. D. Holt & 56 on 38 calves, 130 pounds, at 5¾c. H. M. Lowe sold calves at 5½c.

Boston Produce Market. Wholesale Prices Poultry. Fresh Killed. Northern and Eastern-

Co. 1054 Swift & Co. 697 S Learned 102 Sturtevant & Haley 68 At Watertown. J Gould 1 V A Sherman 299 50 Epstein & Co. 100 3 Shippers 170 2800	Fowls, extra choice Fowls, common to good. Geese, per ib. Ducks, spring & ib. Pigeons, tame & doz. Western dry packed— Turkeys, common to good. Chickens, choice Chickens, com. to good.	13@14 10@12 9@10 10@11 75@1 00 12@13 10@11 12@13 10@11
15 G A Sawyer 60 J A Hatha- way 493 3009 Port Traffic. don by cable to the effect that	Capons, fancy large Capons, small and medium Fowls, good to choice Old Cocks Frozen Chickens Fowls	13 a 15 a 17 11 a 7 a 10 a 13 11 a 10 a 11 9 a 10
s advanced the bath light in demand. Buyers did not that they were anxious to purd to buy at the advanced rates, on State steers 12@12½c, at Liverpool 11½@12½c, the week [3043 cattle, 3453] see.	Live Poultry. Fowls & tb	10@10½ 7@ @
destinations: On steamer rpool.705 cattle by Swift & Co., n steamer Kansas, for Liver- y Morris Beef Company, 161	Grouse, P pair	50@1 50

EX	Frozen Chickens 10@13
Expert Traffic.	Fowls 11@
Latest from London by cable to the effect that	Ducks, good to choice
State cattle ha e advanced the b with light supply, with a fair demand. Buyers did not	· Live Poultry.
want it supposed that they were anxious to pur- chase, but they had to buy at the advanced rates.	Fowls & th 10@101/2
it London price on State steers 12012'20	Roosters & lb
sinking the offal, at Liverpool 111/2/2121/2c. From Boston for the week 13043 cattle, 3453	spring Chickens & ib
sheep and 163 horses.	Game.
Shipments and destinations: On steamer Cestrian, for Liverpool, 705 cattle by Swift & Co., and 18 horses. On steamer Kansas, for Liverpool, 421 cattle by Morris Beef Company, 161	Grouse, P pair
State and 40 Canada cattle, 853 sheep by J. A. Hathaway, 1 state and 91 Canada cattle by J.	Butter.
cattle by W. A. Sherman, 100 by Epstein & Co.	NoteAssorted sizes quoted below include 20, 30, 50 lb, tubs only.
and 145 horses. On steamer Ultonia. for Liver- peol, 354 cattle by Morris Beef Company, 196 by	Vt. & N. H. assorted sizes
J. A. Hathaway. On steamer Bay State, for Liverpool, the following, with slight alteration.	Northern N. Y., assorted sizes171/2 @
if any: 338 cat le by Morris Beel Company, 247	Northern N. Y., large tubs
cattle, 2600 sheep by J. A. Hathaway, 90 cattle	Western, asst. spruce tubs 17 a 17 1/2 Western, large ash tubs
by J. Gould. Horse Business.	Creamery, northern firsts161/2@
The arrivals are increasing and the demand	Creamery, western firsts 16a 161/2 Creamery, seconds
entinues good for all descriptions at firm	Creamery, eastern 15@17
gices. Auction sales are all that could be de-	Dairy, Vt. extra 16 a
sred. At L. H. Brockway's Sale Stable, had on	Dairy N. Y. extra
mist of them at a range of \$60@225, and ship-	Dairy N. Y. and Vt. seconds 14a
pers were satisfied. At Snow's Combination	Dairy, N. Y. and Vt. low grades 13 a
see Stable, the demand good and some new	Dairy, western
shippers are making these stables their head	West, imitation creamery, small tubs,
marters. For good horses the prices rule	extra
steady at \$60.250. At A. W. Davis's North- ampton-s rest Sa e Stable, first-class horses	" imitation creamery seconds 13@14
offered for speed, drive, coach and saddle, with	" ladle firsts and extras131/2@14
sales from \$100 a 600. Some Western consign-	" ladle seconds 13@
ments from Iowa. At Welch & Hall's Sale	Boxes
Stable, 7 carloads of Western and 1 of accli	Extra northern creamery 18@
mated horses. Sold good chunks at \$130@145.	Extra western creamery171/2@
Common at \$60@110. Sod one pair 3300- pound horses at \$430. At Russell & Drew's	Extra dairy
sale Stable, a good retail trade. Had in some	Trunk butter in 1/2 or 1/4 ib prints
fine draught and drive at \$150 250. E. Ham	Extra northern creamery 18@19
& Co.'s sale Stable changes its locality to Canal	Extra northern dairy 17@
street, and light sales.	Common to good 15@16
	Pytra western creamery 187

thorses. Sold good chunks at \$130@145, on at \$60@110. Sold one pair 3300-horses at \$430. At Russell & Drew's table, a good retail trade. Had in some raught and drive at \$150@250. E. Ham a sale Mable changes its locality to Canal, and light sales. Cnloa Yards, Watertown.	Extra northern creamery 17% & Extra western creamery 17% & Extra dairy 17% & Extra northern creamery 18% 19 Extra northern dairy 17% & Common to good 15% 16% 16 Extra western creamery 18%
Tuesday, April 25, 1899.	Cheese.
market for beef cattle holds a steady posi-	Liverpool quot, white 52s, 6d.
with a little more activity than noticed last Euchers were more willing to invest, and also seemed to be in a healthy way. Breck of sold 2 oxen, of 3370 fb., at $4\frac{1}{2}$ c W. F. ce soid 1 beef cow, of 1040 fbs, at 334 c. Gows, of 880 $ 1180$ fbs, and 5 , of 1560 fbs, cf. 20, of 525 fbs, at 534 c; 15, of 1500 fbs, at 20 , or 1475 fbs, at $4\frac{7}{2}$ sc; 25, of 1450 fbs, at	New York, small, extra P
Sheep Houses	Sage cheese, extra, \$ 16
supply of Western for the home trade not ge as went for export: only 2.00 head for a butchers. The market on Western is too	Eggs.
to hit this market. Clipped sheep and may cost in Chicago \$4.60@4.85 p cwt., and sat \$4.90@5.16 p cwt. W. F. Wallace 77 lambs, \$4.90 g; 37 sheep at 4c. H. N. sold 13 slim sheep, 850 ibs, at \$4.9c.	Nearby and Cape fancy ♥ doz. 15@16 Eastern choice fresh 14½@ Eastern fair to good. 14@ Vt. and N.H. choice fresh 14½@ Western fair to good. 14@ Western selected, fresh 14¼@
	Conthorn from cathored 1314 al4

Shoep Houses	Sage cheese, extra, & b12% @13	
supply of Western for the home trade not as went for export: only 2 *00 head for	Eggs.	
butchers. The market on Western is too on hit this market. Clipped sheep and gs cost in Chicago \$4.60\(\alpha\)4.85 \(\beta\) cwt., absat \$54.90\(\alpha\)5.16 \(\beta\) cwt. W. F. Wallace 7 lambs, 5\(\frac{1}{2}\)6.27 sheep at 4c. H. N. sold 13 slim sheep, 850 lbs, at 4\(\frac{1}{2}\)6.25	Nearby and Cape fancy $ p$ doz 15@16 Eastern choice fresh	
Veni Cuives.	Southern, fresh gathered 13 1/2 @14	
and the t market in about the same has not ced last week. Butchers do not pay oc for any large lot; and small lots	Duck	
to be fancy to bring the price. Sales	Potatoes	
at 51½ a5% c. W. F. Wallace sold 77 10 720 hs at 5% c. A. A. Pond sold 39 4850 hs, at 5% c. H. N. Jenne sold 74 8540 hs, at 5% c.	Aroostook Co. Rose, extra	

Milch Cows Milch Cows Moved at prices that compare with last week and about 100 sent to Brighton for disposal. Fat Hogs. Western rule higher and cost here 4644c strong. Country lots command 434 65c, d, w.	Aroostook Green Mountains. 30 @ York State, Green Mountains 80 @ York State, Burbanks 70 @75 Western Green Mountains 75 @80 Sweet Potatoes. Jersey extra double head # bbl. 30 @ N. Carolina # bbl. crate. 200@250
Live Poultry.	Green vegetables.
Sold 2 tons at 10½c p th. Droves of Veal Calves. Mains—P. A. Berry, 30; Libby Bros., 65; Sevens & Knowlton, 12; W. A. Gleason, 45; M. b. Hoft & Son, 45; H. M. Lowe, 75; A. S. anley, 21; Hompson & Hanson, 60; Harris & Fellows, 100. New Hampshire—Breck & Wood, 19; W. F. Wallace, 116; shippers, 225. Vern ent—Carr & Williamson, 130; A. A. Pond, 44; G. H. Spring & Co., 1; shippers, 425; Fred Savage, 50; H. N. Jenne, 217; J. Quinlan, 80. Massachnetts—J. S. Henry, 2 7; R. Connors, 5; cathering, 150; H. A. Gilmore, 7; C. D. Lewis, 6; H. E. Eames, 3. Brighton, Tuesday and Wednesday. Noca at yards: Cattle, 2475; sheep, 23; hogs, 10.80; Prom.	Beets native P bushel

Turnips, Yellow & bbl	1
Domestic Green Fruit.	1
Apples—	1
No. 2 Apples ₱ bbl	1
Cranberries-	1
Cape Cod, choice dark P bbl9 00@10 00 Cape Cod, com. to good P bbl7 00@8 00 Jersey, com. to good P box 1 50@2.50	1
Nuts.	
Peanuts, Va., H. P. No. 1 \$\psi\$ b 4@ Peanuts, Va. No. 2 \$\psi\$ b 3@31/4	
Tallow.	
Rough, # b	
Honey.	
York State— Clover, comb, fancy P lb	

Hides and Pelts.

Jommon "
Green peas, Western choice....
Green peas, Scotch.....1 40a. 6½@91 70@2 00 8@9 | Beans | Bean Beans.

	Hay and Straw.		
Hay,	prime, large bales13	00@	13
44	" small "12	000	183
	No. 1, p ton10	500	1
66	" 2 "	000	10
44	" 3 " 6	000	-
66	fine choice 8	000	
	rejected, per ton 5	000	
60	clover mixed man	OUG.	
	clover mixed, P ton 7	uua	
+4	clover, p ton 6	00@	
	swale, p ton 6	50@	
Stray		50@	1
Strav	w prime old rye 8	500	1
Strav	w, oat per ton	50@	1
Strav	w tangled rye 7	500	

Flour and Grain.

Flour.—The market quoted steady. Spring patents, \$4 00@4 75. Spring, clear and straight, \$3 00@3 50. Winter patents, \$3 35@4.50. Winter, clear and straight, \$3 50@4 15. Graham Flour.—Trade continues quiet, with the market quoted at \$2 50@4 00 P bbl.

Rye Flour.—The market is quoted at \$3 20@ 8 50 \$\text{P} bbl. Corn.-Demand is quiet with market steady. No 3 yellow, spot, 44% c. Steamer yellow, new, 44% c. Steamer and No. 3 corn, 44% c. Oats.—Quiet but steady. Clipped, fancy, spot, 38½c. No. 2 clipped, white, 37c. No. 3 clipped, white, 36½c. Lower grades, spot, 36c. Clipped, to ship, 38 @38½c. Clipped white, old, 36¼ @37¼c.

Chipped white, old, 36% @37% c.
Millfeed.—The market is firm for all kinds.
Middlings, sacked, \$15 75@18 00.
Bran, spring, \$16 00.
Bran, whiter, \$16 75.
Bed Dog, \$17 25.
Mixed feed. \$18 75@18 00.
Linseed meal, \$26 00.
Cottonseed meal to ship, \$22 75. Malt .- The market is steady with trade ruling State grades, 6-rowed, 58@62c. State, 2 rowed, 53@55c. Western grades, 53@60c.

Barley—Quiet demand, with prices nominal at 50@75c for No. 26-rowed State, and 42@50c for No. 22-rowed State. Rye .- Quiet at 70c.

1		The	Wo	ol	M	arket	
	Unwashed	fleece	fine,	Mi	chig	an	15@16 17@18
1	66	68	1/4-blo		6.6		21@22
1		66	3/8 blo	od	44	*******	21@22
i	Fine delair	ie, Oh	io				28@ 25@26
	Washed fle						

THE GROWING OF GINSENG .- L. R. G., South Corinth, Vt.: The high price which the ginseng root brings has suggested to others, as it doubt-less has to you, that it could be profitably cultiwated. But it requires to be put in pretty nearly the same conditions of shade and a soll composed of rotted leaves that it had in the forest. To grow it from seed requires three or four years to get roots that are large enough to be salable. But at four years the roots of cultivated plants are generally larger than those found growing wild. In its cultivated state glaseng seeds freely, and as the seed sells for \$1 per conce, this is no small source station, N. Y., has had more experience in growing ginesing than any other cultivator we from him. He began by taking wild roots and planting them in a rich, shaded place. Five parts there are still many farmers and the stands of the stands

any other fruit trees, and if the buds swell before being put in, they dry out the judges of the selons othat it cannot effect union with the stock. It is best to set the grafts before the istock. It is best to set the grafts before the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will then give too much of a check to the leaves will be green in like scote the development of the newly set acion.

TEACHING CALVES TO LEAD.

It is often a great inconvenience when it is found that a grown cow cannot be led, but much be driven. The accomplishment is one that should always be acquired in califond, and onne learned, it will never be forgotien. If there is any pulling back while the call is being taggled; its first lesson, some one behind to urge it forward will be needed, and may be a turn of the rope around the autimal's nose, so as to make a naliter of it, will be advisable to prevent the call breaking away from the leader. A hole bored through the noise and a ring inserted will make the teaching of the call it belief to be lest still easier. The ring in the noise is clien a great convenience of the call of the leaves and a ring inserted will make the teaching of the call of the leaves and a ring inserted will make the teaching of the call of the leaves and a ring inserted will make the teaching of the call of the leaves are a state well breaking away from the leader. A hole bored through the noise and a ring inserted will make the teaching of the call to be lest the leaves and a ring inserted will make the teaching of the c

many small streams where watercress either grows naturally or could be made to do so by judicious seeding and planting. The cress seeds abundantly after its season of growth is over, and when a stream is once stocked with it the growth of the plant is apt to increase. In some places gardeners have made artificial beds which they have planted with the cress, running from the stream into little coves which can be easily kept under water. The first cress of the season brings fancy prices at the large hotels and ross brings fancy prices at the large hotels and ross brings fancy prices at the large hotels and ross brings fancy prices at the large hotels and ross brings fancy prices at the large hotels and ross brings fancy prices at the large hotels and ross brings fancy prices at the large hotels and ross brings fancy prices at the large hotels and ross brings fancy prices at the large hotels and ross brings fancy prices at the large hotels are the large hotels are the large hotels are the large double head barrels \$3.25. Hubbard squash dull at \$12 to \$15 per ton.

Apple Exports.

The total apple shipments to European ports for the week ending April 15, 1899, were 2483 barrels, all to Liverpool. The exports are the large hotels and ross brings fancy prices at the large hotels are the large hote brings fancy prices at the large hotels and resat the time when it first makes its appearance.

KREP HENS EGGS CLEAN. snow that they have faild in contact with the excrement of fiwls. Such eggs are undesirable,
even though they show careful wasning to
remove the stains, for the washing may have
been done after the germ has quickened, or may
even have killed the young chick, making the egg
worthless even for setting. As a rule, eggs that
are very badly solled usually addle when they
and the imports at \$1,110,963; excess of exwhile in the shell and dies there.

LICE ON YEARLING STOCK.

Winter, clear and straight, \$3 50@4 1b.

Out Meal.—Quoted quiet, \$3 80@4 00 \$\pi\$ bhi for ground and rolled, and \$4 20@4 40 for cut.

Corn Meal.—The market is quiet at 87@89c \$\pi\$ bag, and \$1 30@1 95 \$\pi\$ bob; granulated, \$2 10@ is a secretion of oil from the animal itself which makes the skin glossy. In such condition lice makes the skin glossy. In such condition lice could not live in the hair.

quainted with the dalay's peculiarities. It is a \$3730, 074818 \$4300 most abundant seeder, and once in the land it is ing one of the last years we were on the farm, a handsome carriage with team, showing a family taking a drive through the country, called at the house, and the lady of the party asked us in the most polite tones possible if we would be kind enough to allow them to pluck a "few of the practical and the grass and clover. Of course consent was good piles or should be kind the grass and clover. Of course consent was good piles or should be an and policemen went to sleep, depending on the moles of the carriage wheels and the horses' honder on wake them before the President could reach the door. One night adlener was given in General Arthur's honor by the governor of the walk in the would interfere. There is no soreness, but the walk is thick and very loose. What do you recommend?

Answer: If you can spare him for a month a street of the private dining room anteroor just east of the private dining room. almost impossible to get rid of it. Yet there was enough to allow them to pluck a "few of the beautiful flowers" which she saw growing amid the grass and clover. Of course consent was readily given, though we could hardly repress a the blemish.

The same possible if we would be kind and pointed which to steep three of them in an antercome just east of the private dining room, and the fourth went to the basement to indulge in a short nap.

While the guardians of the pear were asleep

broken up and spread over the surface, there is not much an utility in grass, and when it is eaten by cows giving milk, a large part of it goes into the milk past under the manner of the milk and the stable, and since then the ankle and is manner of the milk and the past under the mover the men and retired. Before daylight the situated to learn the President that found they were negligent.

"The jig is up, boys," remarked one of them down when he is driven. His ankle is very hot all the time. He stands is hands high, and weighs 1150 pounds. Please prescribe for him, as they anticipated dismissal when the President took the carriage robes and spread them over the men and retired. Before daylight the situation the milk past them over the men and retired. Before daylight then situated to learn the president that found they were negligent.

"The jig is up, boys," remarked one of them weight the president that found they were negligent.

"The jig is up, boys," remarked one of them as they anticipated dismissal when the President took the carriage robes and spread them over the men and retired. Before daylight then situated took the carriage robes and spread them over the men and retired. Before daylight then situated took the carriage robes and spread them over the men and retired. Before daylight then situated took the carriage robes and spread them over the men and retired. Before daylight then situated took the carriage robes and spread them over the men and retired. Before daylight then situated took the carriage robes and spread them over the men and retired. Before daylight the situated took the carriage robes and spread them over the men and retired. Before daylight the situation the stable, but they go my six-year-old giding hurt his hind ankle in the stable, but they go my six-year-old giding hurt his fortilizers. Cows that are pastured long on the same field will chow bones with great greediness whenever they can get them. They should be either supplied with phosphate, or better still, abould be fed some grain that contains this minimizeral. A feed of wheat bran given while at pastured cows are put up in the pastured cows are put up in the barnyard at night. Much of their expression is sensored in the barnyard and never gets on the same real and the same at the contains the many of the contains this minimizer of the contains the minimiz

planting them in a rich, shaded place. Five lamily should require. It is a fruit that appears after these had increased so that he had only two or three months on the markets, because most of the early varieties, and those which weighed altogether about 20 pounds. He most easily grown, are poor keepers. There are, had, besides, 52 pounds and 14 ounces of roots however, enough kinds of grapes of high quality.

Answer: The trouble you refer to is amenable to treatment. The most effective plan would be to blister posh ankles about three times, at interval, and those to blister posh ankles about three times, at interval, and the post of the collection of the collection of the collection of the trouble you refer to is amenable to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to be the total to treatment. The most effective plan would be to believe nite to treatment. The most effective plan would be to be the total to treatment. The most effective plan would be to be to treatment. The most effective plan would be to be to the total treatment of the tr basine which be reserved for planting and which which altogether about 10 pounds. He have brought and the provided in the control of the cont

the sharpened at the beginning of the season and kept sharp thereafter. In stony ground, a hoe will need a little touch of the grindstone nearly and prices on near-by products hold very and prices on near-by the time used in keeping small tools sharp is not the time used in keeping small tools sharp is not the time used in keeping small tools sharp is not wasted, as it enables the workman to work more effectively for a day thereafter.

GRAFTING CHERRY AND PLUM TREES.

Most of the failures in grafting cherry and plum trees come from cutting the grafts too late. These trees swell their buds earlier than any other fruit trees, and if the buds swell before being put in, they dry out the juices of the street of

Hood GRAND YOUNG BULL FOR SALE—S-vill ugish faw, Dropound of size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and is by Digo. 3, 1898. Sire, Orromo. size of Si lab. His and Si lab. His said of carbolia cald one cunce to tentent of water, for two or three days, to remove the tever and some the torread and sill between. His and Si lab. His and Si with but a moderate demand. Aronatook

ports included 470 barrels from Boston, 290 taurants. The cress has a sprightly spicy taste that is almost universally liked, and it is believed by many that it has medicinal virtues that give it especial value as a tonic to the stomach week last year the apple shipments were 7334 barrels. The total shipments thus far this season have been 1,220,807 barrels, The shell of an egg is porous, and any offensive matter on it quickly finds its way, by odorat least, to the albumen within, and soon affects it injuriously. Care should be taken to allow no excrement of hens in nests where they lay their eggs. Neither should hens be allowed to make nests in manure piles, as they are quite apt to do, at the heavilgs of manure will often start the dominant of the same time last year. The shipments in detail to date have been 232,208 barrels from Boston, 157,169 barrels from New York, 139,068 barrels in manure piles, as they are quite apt to do, at the heavilgs of manure will often start the same time last year. The shipments in detail to date have been 232,208 barrels from Boston, 157,169 barrels from Portland, 406,705 barrels from Portland, 231,354 barrels from Halifax, and manure piles, as they are quite apt to do, as the beating of manure will often start the germ if the egg is left too long in the nest, and the quickened germ will periah when removed from the warmth that started it into life. We are always suspicious of discolored eggs, which show that they have laid in coutact with the ex-

are set upon. The chick gets a disgust with life ports, \$1,042,837. For the corresponding week last year exports were \$2,558,325, and imports were \$945,549; excess of exports, Only the best care and feeding will keep a \$1,612,676. Since Jan. 1 the exports have yearing animal in thritty condition during its first winter. The staring coat of the heifer or yearing colt shows that it has not grown as it should, and as this unthrittness prevents it from shedding the old coat and putting on a new one, \$36,288,048, and imports were \$17,307,000. If there are lice on any animals in the herd they will pretty certainly be found where the last year's long fur affords the best shelter. Rubbles the head and needs with grants of the week \$2,026,643 went to England, \$7609 to Scotland, \$6250 to Ireland, bing the head and neck with grease of any kind will get rid of the lice. A quicker way and one that is equally effectual is to make an emulsion with oil and milk and spray the animal just as you would do in spraying a tree. The force of total of \$2,126,139 to Great Britain and the spraying pump will carry the oil through the her colonies, \$11,045 went to Nether-fur and direct to the skin. Any contact with oil lands, \$4381 to Belgium and smaller instantly kills the lice, as it closes the holes on their sides through which these and all other articles of export were provisions \$793,311, insects breathe. In healthy, thrifty stock there breadstriffs \$225,887, 1) a spimals \$267,424 breadstuffs \$225,887, ll e animals \$267,424, leather and wanufactures of \$300,054, cotton raw \$70,502, cotton manufactured \$13,could not live in the hair.

THE OX-NYE DAISY.

There are many who admire the daisy as a flower, and even the large oxeye, larger and more showy than the common varieties, is not without those who think it beautiful. But it hardly needs to be added that these are meally city people, or those who have not become acquainted with the daisy's peculiarities. It is a quainted with the daisy's peculiarities. It is a first factor manufactured \$15,70,808, iron and manufactured \$15,70,80

Answer: I would suggest that you poultice

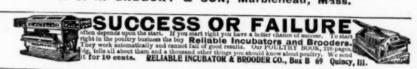




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For the forty-fourth season we have the pleasure of presenting to our brother farmers of New England our annual Catalogue of Vegetable and Flower Seed. For the purity and reliability of the seed we sell, we appeal to the general experience of the farmers of New England. If you find any of the varieties (such as Lettuce, Cabbage, Beet, &c.), priced lower than in other New England seed catalogues, be assured that it is not done at sacrifice of quality. We were the first firm in the United States to give the warrant to be found on page first of catalogue. As the original introducer of the Hubbard, Marblehead and Warren Squashes; the Marblehead Mammoth, Deep Head and All-seasons Cabbages, the Burbank, Ohio and Delaware Potatoes; the Miller Cream Melon; Cory and Mexican Sweet Corn, Danvers Red Onion, Eclipse Beet, Surprise Pea, and numerous other valuable vegetables, (of all of which we keep the best of stock), we invite a share of the patronage of the public. With each class of vegetables and flowers are given directions for cultivation. We catalogue this season several choice new vegetables of sterling merit and the best of the new hardy flowers. Catalogue free.

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quently. President Arthur kept late hours, and the ushers who were on duty at the White House at times went to sleep, depending on the noise of the carriage wheels and the horses'

readily given, though we could hardly repress a smile. Yet if out early, before its seed is formed, the daisy makes a hay which stock will eat if forced to it. It has then rather more than half as much nutrition as good hay.

COW MANURE IN PASTURES.

No matter how thoroughly the excrement scattered by cows in last year's pasturage. Is broken up and appead over the surface, there is sure to be a very considerable loss of fertility in land thus pastured unless the cows have extra where the manual past the cows have extra age myst. Tests it and much past the course have extra age my six-year-old geiding hort his hind ankle the grardians of the pear were asleep show began falling, and the President's carriage sped noiselessly to the mansion, and, of course the unshers alopt to a. No footman was on the dry and choppy. Kindly advise me what to do for him and oblige.

Answer: I would suggest that you use some sorted in ushers alopt to a first raying for several minutes to arouse so come he raised one of the windows and elimbed in. Finding the men asleep the President's carriage sped noiselessly to the mansion, and, of course the ushers alopt to a. No footman was on the dry and choppy. Kindly advise me what to do for him and oblige.

Answer: I would suggest that you use some sorted of internal that will relieve the irritation and tendency to rub his tall, also promote the surface, there are not extend to the mansion, and, of course the ushers alopt to a. No footman was on the dry and choppy. Answer: I would suggest that you use some sorted for him and oblige.

Answer: I would suggest that you use some sorted for him and oblige.

Answer: I would suggest that jou use some sorted for him and oblige.

Answer: I would suggest that jou use some sorted for him and oblige.

Answer: I would suggest that you use some sorted for him and oblige.

Answer: I would suggest that you use some sorted for him and oblige.

Answer: I would suggest that you use some sorted for him and oblige.

Answer: I would suggest that you use some sorte

CREAM SEPARATORS.





RAILROAD.

Hoosac Tunnel Route



The Short Line Belween BOSTON and ALBANY.



SEPARATORS.

De Laval Alpha "Baby"
Cream Separators were first and have ever been kept beet and cheapest. They are guaranteed superior to all imitations and infringements. Endorsed by all authorities. More than 150,000 in use. Sales ten to one of all others combined. All styles and sizes—\$50.—to \$225.—Save \$5.—to \$10.—per cow per year over any setting system, and \$3.—to \$5.—per cow per year over any imitating separator.

New and improved machines for 1809. Send for new Catalogue containing a fund of up-to-date dairy information.

MI SEPARATOR GO.

WHEREAS, a certain instrument purporting to be the last will and testament of said deceased has been presented to said Count, for probate, by Anna M. Slocum; who prays that letters testamentary may be issued to her, the executrix therein named, without giving a surety on her official bond.

You are hereby cited to appear at a Probate Court, to be held at Cambridge, in said County of Middlesex, on the ninth day of May, A. D. 1899, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be granted.

And said petitioner is hereby directed to give public notice thereof, by publishing this citation to be one day, at least, before said Court, and by mailing, postpaid, or delivering a copy of this citation to all known persons interested in the estate of GROMATE County, for probate, by Anna M. Slocum; who prays that letters testamentary may be issued to her, the executrix therein named, without giving a surety on her official bond.

You are hereby cited to appear at a Probate Court, to be held at Cambridge, in said County on her official bond.

You are hereby cited to appear at a Probate Court, to be held at Cambridge, in said Court, to said Court, to said Court, to said Court, to said Court, and the probable of the forenoon, to show cause, if any you have, why the same should not be granted.

And said petitioner is hereby directed to give public notice thereof, by publishing this citation to one one day, at least, before said Court, and the

PROBATE COURT. to all persons interested in the estate of EDWIN COOPER, late of Newton, in said

EDWIN COOPER, late of Newton, in said county, deceased.

WHEREAS, William H. Hildreth, the administrator of the estate of said deceased, has presented for allowance the final account of his administration upon the estate of said deceased:

You are hereby cited to appear at a Probate Court to be held at Cambridge, in said County on the second day of May A. D. 1899, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be allowed.

And said administrator is ordered to serve this

Teaching Patriotism. With Patriots' Day near at hand, patri otic fervor and enthusiasm receive a fresh the remainder of the flour into a firm, pliant Impulse, and this year, with recent stirring events fresh in memory, it is easy to rekindle the sacred fire upon the still smouldering embers of the flerce blaze which characterized the year just past.

The 19th of April has passed into Amer ican history as an eventful day in connectoday are the citizens of the future.

that in imparting the lessons which the not more than one-eighth inch in thickness. season suggests too much stress is placed Next fold it over in three layers, and when upon the events commemorated, rather thus folded give it another turn. Roll it out than the results to which they con- again into a long strip and fold again, retributed. Patriotism in many minds is peating this process six times, though three synonymous with war and bloodshed. He times are good enough for most purposes. that men have been distinguished for bray- greatest care must be taken to prevent the ery upon the field of battle who were not butter escaping from the paste, and this conspicuous examples of good citizenship in happens only when the paste is rolled thin, time of peace.

True patriotism should be a parmanent, to promote all that tends to the best good of the community at all simes. Women are lets, etc. not exempt from this obligation by any in store for American womanhood. But at least have the earliest training of those who are born to such inheritance entirely n their hands, and no impressions are as lasting as those received in childhood.

largely depends the manhood of the coming years. They should teach those intrusted butter. When thoroughly worked up, mix to their care that while it is grand and good to die if a noble cause demands the sacrifice, it is equally important to live in touch with the events of one's day, and be always ready to forward by personal effort every movement which has a tendency to uplift mankind. Were half the zeal manifested in the affairs of civil life which is displayed when treatment differs according to the fancy of grim war clamors for victims, we should hear no more of fraud and corruption in high political and financial circles-

Patriots Day has come to stay, as it deserves to, but with all its sacred associations, the lesson is lost if the necessity of perpetuating the benefits which are the outthere is no better place for the elementary

ELIZABETH ROBBINS BERRY.

The Workbox.

CAP.

skating, etc.

A. A. Germantown yarn. in a stripe.

Cast on 1 stitch on each of 6 needles, join 1st round-Knit each stitch plain.

stitch, making 2 stitches from 1. 34 and 4th rounds-Like second round.

but without increase. needle in each third round till 50 stitches and is proper.—The New Voice.

Work 17 rounds without increase. Decrease 1 stitch at beginning and 1 stitch at end of each needle in each third round till

30 stitches are left on each section. For the band continue the pattern for 29

To make a pompom for top of cap take a piece of straight cardboard two inch s wide. put a piece of string along the cardboard,

and wind the yarn over both two hundred times, draw the string up, and tie firmly; cut the loops evenly at the top. Before sewing on the pompom, wet the knitting, and while wet put a round of cardboard eleven and one-half inches in diameter inside the crown. Take a strip of cardboard one and one-half inches wide, and the

length required to fit the head, sew the two ends together, put the band of the cap over this improvised block; when dry, sew the pompom on top. A strip of leather may be sewn inside the band, or a piece of wide galloon the width of the band may be substituted. I will answer questions.

EVA M. NILES.

Paste and Pastry.

handling, has made it famous.

These, however, may be very simple, con- be uniformly heated. sisting principally of a paste-board, a rolling-pin and a mixing bowl.

much a matter of ingredients as the manner of mixing.

All pastes consist more or less of flour, water, or milk and water, and greasy matter of some kind. The best white flour the plank asiant close to the blazing coals. and sifted. Eggs mixed with milk, or milk when used should be very fresh, and are water and one of vinegar. better if well beaten in a large bowl with a be fresh, clean and pure.

Puff paste differs from short paste in one flesh is white, firm and flaky. essential particular, and that is the mode in dough is made, and the short paste is made folded napkin. by working the fatty matter into the flour

before making it into deugh. Puff Paste.-Weigh out the flour, pre- edge. Mix two tablespoonfuls of melted viously dried and sifted, and use an equal butter with two tablespoonfuls walnut amount of the best fresh butter. In the catsup, gash the fish slightly about where it summer keep the butter on ice until it is would be divided in carving, and pour the wanted; in winter knead it in a cloth to butter mixture over it. make it supple. Then spread the flour on a The sauce and garnishing should be all off nearly li the fat. Put the pan on the store line de sole makes up very effectively. A lately almost incessantly in a fever of anxiety lest board or table; make a well in the centre, ready, so there need be no delay, for the fish and add dryf our until the fat is all absorbed. finished gown has three ruffles of the mousseline their worldly schemes should fall. But the man make it supple. Then spread the flour on a The sauce and garnishing should be all

into which put a little salt, and gradually pour in water; while the flour is worked in by a circular motion of two fingers, round and round the inside of the well, until spitialent moisture has been added to work

If this is well and correctly made it wil not stick either to the table or to the hands. Cover the paste with a cloth and let it stand for a few minutes to settle, but first be quite sure that the paste is stiff, as it would be harmful later to work in more flour or tion with three great wars. Therefore water. Sprinkle a little flour on the board; it is to be expected that at this time the place the paste on this and roll it out with a minds of the people will turn naturally to rolling pin. Roll out the paste to a square themes patriotic. It is an especially favor. not more than one-eighth inch thick; roll able season to teach the little ones the true out the butter also to a square shape, and meaning of patriotism and love of country. lay it on the paste. Fold over the sides, In the home and the school the opportu- and then the ends of the paste in such a nity should not be lost, for the object lesson manner that the butter is entirely is longest retained by the unfolding mind wrapped up. Roll this out with receiving instruction, and the children of the pin, pushing the paste forward as well as the butter in its interior; con-Is it not, however, sometimes the case tipue rolling until it forms a long strip who dares die for a principle is certainly In summer the paste should be set to cool worthy of the highest honor, yet it is true for ten minutes between each tarn. The or not rolled out flat and even. The trimmings of puff paste should never

all-around quality. The same spirit which be mixed up again with the original mass. animates men to lay down their lives, if for the cut edges would allow the butter to need be, should inspire them to equal effort overrun the layers and spoil its flakiness They may be used for making patties, tart-

Half Poff Paste.-This is made as means. No one can tell what the future has the regular puff paste, using less butter. The proportions are: Twelve ounces of if not called upon to assume the responsi- flour, ten ounces of butter, one-quarter bility of the ballot and of civic honors, they ounce of salt, two eggs, and a teacupful of water. Keep the paste very firm.

Poff Paste with Beef Suet .- To prepare poff paste with beaf suet, chop the suet very fine and then pound it to a pulp, adding Upon the mother and teacher of today gradually sufficient olive oil to give it a body and to make it as easy to work as in the flour as for ordinary puff pasts Lard may be substituted for oil, using half ard and half beef suet.

Short Paste.-This, as has already been explained, differs from puff paste in that the butter or other fat is rubbed into the flour before wetting. In other particulars the the cook .- American Queen.

ing.

eral, of the eliminative function of the skin, best good of all, is not insisted upon, and and sudden chilling, from which many of teaching of wise and good citizenship than The skin function paralyzed for a time. Why? For a time poteons that should be or walnut catsup. leaving stay and cause suffering. We don't know why the kidney or something else, will not take up the work stopped in the skin, on a sudden call. A child was once covered LADIES' TAM O'SHANTER OR GOLFING with gold leaf to figure in a certain Catholic ceremonial and died of arrested func-These caps are fine for golfing, tennis, tion, i. e., of the retained poison. We most of us risk really serious amounts of this Materials: Two sets of steel knitting poison from time to time. In farmhouses. needles No. 15; three ounces of Fielsher's where the kitchens are full warm and the bedrooms dead cold, the mother and house-This cap is commenced in the centre of keeper is often a victim to winter rheumathe crown in Ringwood knitting, that is, 2 tism in her shoulders and arms. The change rounds plain, and I round of I plain, purl 1, from the heat over the stove, washtub, ironalternately keeping the knitted plain stitch ingboard to a cotton nightgown and cold sheets and "comforters" is the sufficient cause, -especially when in the night the cold increases, and there is some exposure of the shoulders in turning over. A hearth 2d round-increase 1 stitch on each of the fire is always destrable in a winter bedroom. stitches. The increase is made by knitting and aids both comfort and ventilation. But 1 stitch at the front and 1 at the back of the all sufferers from winter rheumatism should secure comfort at night irrespective 5th round—Increase 1 stitch at beginning and end of each needle; continue increase woolen jersey—whatever at hand that selections. Bake in long bars and frost with chocology and end of each needle; continue increase. ing 1 stitch at beginning and end of each cures full warmth is imperatively needed,

Planked Shad.

rounds without increase or decrease; bind at all first-class kitchen furnishing stores. Although originally intended for use before the open fire in camp life or other out-door occasions, the plank may be used in the coal range oven or under the flame of a gas broiler. Possibly some of the zest and flavor usually ascribed to the plank came from the environment, the gayety and outdoor exercise usual at such occasions where this dish gained its popularity.

It does not require much stretching of the imagination on the part of those who have never eaten fish prepared in the primitive and hard-boiled eggs cut into sites. way to make the oven-heated plank product really taste better than that cooked in a plain broiler. The hard white oak is supposed by epicures to give the finest flavor to fish in place. But large-headed tacks are Pastry making is a distinct branch of even better, for they can be inserted where-Its present perfection is due ever desired. Some boards have rings heap over the shells. chiefly to the French cook, whose skill and screwed in at the ends, through which steel care, rather than any secret of mixing or rods are placed, thus holding the fish down

flat. Others have steel bars that slip over The pastry cook requires utensils that are the ends. Let the board become very hot,

Scrape off the scales, split the fish down the back, and, if you prefer, remove the softened butter.

place a dripping pan under the lower end of the plank to eatch the dripping and stand is used for fine pastry; it should be dried Turn it frequently, so each end may get the quick heat. Baste frequently with two and water, may be used to moisten. Eggs tablespoons butter, melted in one of hot

If to be cooked in a range set the plank in strong wire whisk. The greasy matter may a large dripping pan and bake in a hot consist of a variety of kinds, -- outter, lard, oven about twenty five minutes for a threesuct, drippings, etc. In every case it should pound shad, basting frequently, or cook it under the gas flame until brown and the

Place the plank on a large platter, remove which the fatty matter is blended with the the tacks and serve it from the plank, hidflour. The best puff paste is made by rolling ing the edges with a garnish of parsley or in the butter after the flour and water water cress or a frill of fluted paper or Lay a border of alternate pieces of lemon

and cucumber pickle, out fan shape, on the



GREY PARROT. BLUE-FRONTED AMAZON PARROT.

hould be served very hot. Plain Broiled Shad-A much simpler but

very delicious way is as follows: Split the fish and lay it in a well-arrased wire broiler, and broil under the gas flame, flesh side first, until brown, then turn and

easily and broil a few minutes longer. By this is meant that upset, local or gen- Then invert on a hot platter, and cover with maitre d'hotel sauce, one tablespoonful butsome of the deeds commemorated, for the by prolonged chilling, or prolonged heating tar (creamed), with one tablespooning fine minced parsley, one level teaspoonful sait, our colds and most of our rheumatism arise. one saitspoonful pepper, one teaspoonful lemon julee and one teaspoonful mushroom they are to be used, when they will look pretty or walnut catsup.

When broiled in this quick way it should not be salted before cooking, as that tends to draw out the juice, and make it dry and hard. It has sufficient oil of its own for

Shad Roe-Wipe the roe with a bit of we cloth and dry it well. Brush over with little grain-like eggs will be a light mode roe in saited, acidulated water to insure its! keeping, and the next day broil it as above,

Domestic Hints.

PLAIN CHOCOLATE CAKE Stir together one cupful of butter, tour cupfuls

brown sugar, three well-beaten eggs, twothirds of a cake of chocolate dissolved in one

BROWN OMELET.

Planks or boards of hard wood, oak or signed tablespoonful of meited butter. When it braid of sweet grass makes a pretty and pleas hickory, from one to two inches thick, and hisses as it runs to every part of the pan, turn in an remembrance for friends at home. about the size of a large platter, suitable for the omeist. Cook slowly on top of the stove, this method of cooking fish, may be found and when well set, put in the oven to brown Fold and serve.

CORNAD BEEF SALAD.

tablespoonfuls of salad oil and one of vinegar. a rolling points in front like a linen collar. These lessertspooniul of tarragon vinegar, a little pep- are in white. per and salt and a saltspoonful of made mustard. Arrange a layer of sliced cooked potatoes at the bottom of a saind bowl, thea put in a layer of thinly sliced corned beet; cover the meat with dressed lettuce and seatter some coarsely chopped beets over the top; then put a second layer of potatoes beef and letters, and garnish the dish with beets

Sprinkle one tablespoonful of instantaneous tapioca in one empful of scalded milk and cook in the fish. If to be used before an open fire, yolks of two eggs beates with three tablespoon the plank may be thicker. Sometimes holes fulls of sugar and stir for five minutes longer, are bared in the plank about where the outline of the fish would be, and filled with eggs to a stiff froth. Add one half to the taploca sharp-pointed wooden pegs for keeping the with one teaspoonful of vanilis, mix well and ful the tart shells. To the remainder of the whipped whites add one tablespoonful of sugar and a few drops of vanilla, whip until stiff and glossy and

PRUNE JELLY.

Pick over, wash and soak three pounds of prones over night. Put them into a double boiler and cook slowly until plump and tender, especially adapted for their purposes. turning it around and over so all parts will Drain off the juice and when cool enough to handle remove the pits and rub the pulp through a fine sieve. Put the juice and pits in a saucepan and boll until reduced to three cupfuls. Add two cupfals of sugar, and stir until dissolved; add There are two kinds of pastry, from backbone. This will make the two parts of one and one-half boxes of gelatine soaked until which all others take their origin. These uniform thickness. Lay it skin side next are known as puff paste and short paste, the plank and fasten it in place. Sprinkle Stir until the gelatine is dissolved, then strain and the difference between them is not so with sait and pepper and spread with and add gradually to the prune pulp. Set aside until cool; add one tablespoonful of vanilia, one If it is to be cooked before an open fire pint of sherry and sufficient caramel to make quite dark. Pour into wetted moulds and set away to stiffen.

ITALIAN CREAM. Soak one-fourth box gelatine in one-fourth cup cold water this soft. Scald one plat of milk in double boller. Beat yolks three eggs with three tablespoons sugar and one-half saltspoon salt, add the hot milk, and when well mixed turn back into the double boiler and c.ok until it thickens, ng constant'y. Dissoive the seaked gelatine in the hot quetard and strain it into the well beaten whites of the eggs. Flavor with one teaspoonful vanilla and pour into a wet mould. Set away to cool in a pan of broken ice and when ready to serve turn out carefully.

Hints to Housekeepers.

Veils do more to ruin the complexion than any other thing. The skin needs the friction of the air. Constant covering interferes with the circulation and the healthy action of the pores. It heats the face, and keeps it covered with an oliv moisture which catches the dust and dirt and gets into the pores. When the face is left exposed to the air the dust is blown off, the skin is kept dry and clean. It also stimulates the circulation of the blood and gives color to the cheeks. To make gravy for roast beef in a pan, pour

and strain.

Rhubarb is the first spring green capable of being used as a desser'. Stew one quart of cut rhubarb until tender, add sefficient segar to make very sweet, press through a coarse sieve Poisoning by Reason of Chill-broil skin side until crisp enough to peel off and set away until tog cold. Just before serving Remove as much of the skin as will peel add slowly one pint of thick rich cream. For the informal afternoon "at home," tea !

served in a variety of ways; with lemon, with rum, and just now it is considered nice with brandled enerries. Have on hand a bottle of preserved cherries, and for the tex fill a cup with these and pour over them sufficient brandy to cover. They should soak quies while before cup is the usual allowance. Shredded pineapple is also sometimes found on the tea table, making a cordial of the cup that cheers. Hands need no longer look twice their size in

sucde are eminently correct. This will give the ical woman a chance to wear clean gloves melted butter or olive oil, and broll about and not spend all her patrimony on gloves or five minutes, or until brown on each side. It pass through the world with a linguring odor of should be well cooked, and when done the gascline about ber.

If in using sour milk with sods for griddle color. If pink it should be ecoked longer. cakes or muffus the milk does not foam as it color. If plick it should be cooked longer. Should be produce the desired ligutness, a teaFor a small family it is better to cook the
should be produce the desired ligutness, a teaspoonly and the should be produced by the duce the desired result. In preparing a goose for the oven a thorough

oily that heroic measures are necessary to obtain which his energy is thought; the astral plane, on good results. Indeed, many particular house—which his energy is desire; and the physical, on keepers take soapsuds and a small scrubbing which his energy takes the form of acts. Now brush, kept for that purpose, to all fowls, claim- these threefold results of our life, acts, desires ing that the skin is more or less exposed to all and thoughts, produce our karms or our fate. sorts of dust, penetrating through the feathers. of precedents. Blankets in place of sheets, cupful of hot water, one cupful of sour milk in Certain it is that there is a marked difference in decreases his fate. That is to say, he transcends a heavy shawl about shoulders, flaunel un- which a tesspoonful of soda has been dissolved, the complexion of any fewl before and after the is limitations. He becomes more the master

BROWN OMELET.

the grass, are excellent for linen closets. The
Four eggs, beaten separately, and four table—
spley sweetness is lasting and has a refreshing moulds the clay tree into iron, but the potter spoonfuls of milk. Add the milk to the yolks, odor equal to that of lavender. It can be bought. with a little sait and pepper, then the whites folded in. Have a clear omelet pan ready, with for themselves, which is most satisfactory. A

The Fashions.

... Some of the stock collars, while opening in Cut up two lettuces into fine shreds and dress the regulation way in the back, have the appear-them with a mixture made by blending two ance of opening in front, having high, slightly

> . Applique trimmings are to be seen to a greatextest and in both lace and embroideries. . On many of the new gowns the blonse effect still appears, but only on the front of the waist, and with little or no droop above the belt. The waists, in many very pretty styles, also remain one of the leading models for the summer, but the bodice, with small points slightly rounded, is likewise fashionable, and as a rule is preferred by those who wish to look as slender and longwaisted as possible. Some Frenchy fittle girdles of slik, ribbon, or velvet in open lattice designs are set forth this season. These are designed

> .*. Wedding gowns require careful study. A court train is a trying affair, and on this occasion, when she will be the observed of all observcherished ideas if by so doing she can add to her appearance. The tall woman may wear flounces and a lot of fluffings if she pleases, while the woman of shorter statue must take care that her robes fall in long, unbroken lines. While the very high collar is fashion's rule for the bride, the woman who has a short neck will wisely leave this off, having her bodice finished at the throat without any neck band, either perfectly round or pointing slightly back and front, and edged with a narrow frill.

. The crepe effects are to have another sea. son of favor in the gauzes, grenadines, silk and wool semi-transparent materials used for waists, guimpes, yokes, fichus, entire toliettes and sleeves. Deep crinkles are popular, and many of the inex-pensive batistes, organdles and mulis are gaufiered. Pink, yellow and green are favored tints in all transparent goods, ranking next to white and black in popularity.

.. Hip pads and bustles exist not only in rumer in Paris, but they have been noticeably absent among women of fashion in New York this past winter. Pretty young women can still be seen on the streets wearing coats of fur with the long dip in the back almost like a man's dress coat, and falling without a cury

. New trimming laces in mostic, ecru and cream-white, both in edging and insertion patterns, have the designs outlined and bordered with a bair-line in black chemilie. ... The use of finted chiffon and of chiffon insel with duchess lace gives further opportunity to

handsomely vary the number and expensiveness of the novelties in neckwear. That they are in expensive is a mistake. The very materials of which they are made preclude the possibility. Besides they are "the fashion," and demand the hand of the artiste to give them that chie which is their greatest charm. That they fill a long mourned want who can deny? They are meant to impart softness and grace to the severe outline of the prized tailor-made garment, whose severity should have made it impossible to any woman

over thirty. ... White taffets in combination with mousee on the skirt, and yoke and sleeves are formed of the thinner fabric, run with cords to form small caseless and corroding anxiety.—Charles G. the thinner fabric, run with cords to form small ceaseles puffs. Under the back of the bodice there are double full of meusseline. The only lace used about the gown is the deep full that falls over the wrists and fe ms a fluffy ruche at the back of the high collar, which is made of fine mousse ine puffings.

The Mystery of Fate. B? LILIAN WHITING.

Some reople are made up of rhyme, coincidence, omen, periodicity and pressage; they meet the person they seek; what their companion prepares to say to them they first say to him; and a number of signs apprise them of what is about to befail—Emerson.

"On two days it steads not form from thy grave,
The appointed and the unappointed day.
On the first neither balm nor physicians can save
Nor thee on the second the universe stay."
—From the Persian.

What is the mystery of Fate? Is there such a thing as fatality? And if there is, now can man exercise free will? If Fate prevails, does it not angul conscience and moral responsibility?
These questions are much in the air of late, incited by the many tragic occurrences of the past year, in its unprecedented record of disasters and calamities by land and by sea. The burning the Windsor Hotel in New York, quickly followed by that of the two private dwellings, in one of which such terrible loss of life occurred,lems of life that always perplex the mind of man. The inequalities of fortune always haunt the hand subtract the right band, and the neighboris helpfulness of the New again we ark, why? The children of one family, born and bred under the same influences and environment, go forth in the worldest. other as if they were of different races. Two men sit side by side in a raliway car, and an accident occurs, and one is killed and the other noinjured. Instances need not be multiplied. We see the; inexplicable, every day. Still, life is movements. Every outer event has its inner cause. " The riddle of the age has for each its erivate solution." Each man brings his fate with is he entapgled and held by them. In the degree Then add bot water or hot stock, and stires it in which he lives in qualities and principles and thickens. Cook five to eight minutes, season, thought,—to that degree is he free. "The revelation of Thought takes man out of servitude into freedom.

Of late years we have heard a great deal about karma. Fate and karma are interchangeable terms. Karma is another name for the conditions that we have ourselves created. We make these effects or this fate is the more compileated because no one liveth to himself alone. There is net only a karma of the individual, but of his social affiliations, his attractions and magnet isms, and there is, too, the karma of the race, which no one can fully or entirely escape, or isolate himself from. We must all share to some degree the fortupes of our own times. The great events of the age affect each person living is no such thing," says Annie Besant, "as 'chance' or as 'accident'; all thoughts, deeds, ofrenmetaneos are causally related to the past white gloves, for it has been decreed in Paris and will causally influence the future; as that tao and other thated gloves in glaze kid and our ignorance shrouds from our vision allke the past and the future, events often appear to us to come suddenly from the wold, to be accidental, but this appearance is illusory. Man is the effects of his past activities-are cause which he sets going to each world he inhabite; they bring about certain definite offects on him from himself, he is responsible for the results

or split it, and dip in flour, and brown it in bath in bot soapsuts is not only expedient, but study that man inhabits three distinct planes during this present life; the mental plane, on Again, as man advances to the higher life he

moulds the clay; Destiny today is master—man was master yes-terday."

Yet, if destiny today is master, man may be master tomorrow. If he is this year the slave of the events he has created, he may begin now to dom inate and control the events of next year. Here is where the problem of free will somes. Let one begin to live more in Thought and less in Desire, and he has already begun to advance toward freedom.

There can be no question but that each individual life, with all its varied experiences, represents the sum up to that time of all that he has lone, desired and thought. He has set up such a range of vibration that the results could be othing else than what they are. But events ircumstances, conditions are plastic to the will. The development of will power is the motor of life. The power of the will is the creative, the divine element in man.

Cause and effect work these mutual results with almost mathematical accuracy. But there is a power to which both are plastic and amenable. The Divine Over-ruling is around all life, and it is just here that the philosophy of the Hindoo and of the Christian diverge. The Eastern wisdom teaches that as a man sows, so shall he to give additional length to the round waist with reap. But the higher truth of the Christian faith is that the soul may so relate itself to the Divine that the miracle may be wrought; that all lifeits entire conditions and scenery and trains of events-may be transformed by the renewing of the mind. The law of gravitation is a truth, and holds all who are under it subject to its force; but once transcend the law of gravitation and come under that of attraction, and all tration is changed. Med may continue to live under the law of Fate; to " work out their karma," as the Hindoo would say, and to gradually produce better results and to begin to extricate imself from karmic conditions. But he may also give his whole life to the divine power; he may lift himself up to God and His Son and become a scarer in the divine life; and an intense and mere effort by his own will could not achieve. "Commit thy way unto the Lord, and thy pecially valuable. One of those spirits

-- with whom the stars counive

He may come to conquer and prevail. The habit tice of the Application of Liquids and Powders of giving the first hair hour of the morning each to Plants for the Purpose of Postsocian Venture Inc. day to the renewal of consecration to the Divine Life will signally aid in freeing man from the entanglement and limittaions of desires and tor in Horticulture in the Cornell University. cacitions.-Boston Budget.

GEMS OF THOUGH .

.. Cheerfulness throws sunlight on all the oaths of life. - Jean Paul Richter.It is not occasional brilliancy, but constituting that tells.—Ray. Floyd W. Tomkins. al brilliancy, but constant ... The only ambition worthy of an immortal soul is the ambition to realize the purpose of God ncerning us.-Rev. Howard Agnew Johnston. ... Never was a sincere word utterly lost. Never a magnaulmity tell to the ground but there is some heart to greet and accept it un-

ence, by breathing the air of a higher duty, vitality at length creeps into the soul, the instincts of immortality will wake within us. The Address all orders to word of hope will speak to us a language re longer strange.—James Martineau. ... Overcoming the world implies overcoming

fastened (w) wide sash ends of muslin frilled all sround the edges that fall over the back of the skirt and down over the trail. At the front of the bodies the corded mousseline runs down to form a vest. Edging the yoke, which is square at the back and fronts, there runs a narrow last little by little. He will sale the state of at the back and fronts, there runs a narrow last, little by little, He will fulfil you with Him salf .- Phillips Brooks.

.. When you come down from the summits, you do not some away from God. There is no tack in life in which you do not need Him. The Nation is as truly His as the Church. The workbench needs His light as truly as the cloister.
. . . God hasten the day when the world shall freely use the divinest powers for its com-

HISTORICAL.

monest tasks!-Phillips Brooks.

-According to the Boston town records of 1714, citizens were still prohibited from entertaining a tranger without giving notice to the town authorities, and a description of the stranger and his circumstances. Boston required that all coming from Ireland should be registered lest they become "chargeable." Warnings and whippings out of town still continued.

—Before the Dutch settiers in the New Notherland had any churches or domines, as they called their ministers, they had visitors of the color who read sermons to an assembled continued.

IT WAS THE FIRST AND IS taining a tranger without giving notice to the town authorities, and a description of the Frostb

the sick, who read sermons to an assembled con gregation every Sunday; The first church at THE ONLY PAIN REMEDV Albany was much like a Plymouth forte, -simply a That instantly stops the block house with loop holes through wrich guns might be fired. The roof was mounted with three cannon. It had a seat for the magistrates and one for the deacons and a handsome cotsgoval all these things have suggested anew the prob- pulpit, which had been sent from Holland, and which still exists. The edifice has a chandeller and candle sconces and two low galleries. The "One shall be taken and another left." first church in New Amsterdam was of stone and

manhood and womanhood to meet-or to a small sawmill for twenty-one years. In return make—lives as totally different from one an- for this right, the grantee was to sell boards to for this right, the grantee was to sell boards to Gloucester men at "one shilling per hundred better cheape than to strangers" and was to receive pay " raised in the town." Saco and Bidde ford, Maine, ordered that a fellow townsmen should have preference to every employment, an not made up of blind chance nor of automatic other towns ordered certain persons to buy provisions of the town's people in preference,



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him. Each one is predetermining his fate for the future. "Every spirit makes its house; but afterward the house confines the spirit." Fate is imitation. To the degree that one lives in the material things of sense and time, to that degree material things of sense and time, to that degree

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If you the m I'd yearn to In wrath a But when free, I'd build a It you the me

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All good; yet

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For sundries

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Well-sprin Bird or ange Strely tho To interpr In its sweet: As 'tis felt Deep and qualities the same Pall and ten Thy love a And her spin Answering In its sweet. ILE BI GVO.

Journal. A lady who live steps he on the sho

AINS.

RALL

Hyous mortal were and I a bird, If you the sun were, I a violet, Mope my eyes to see you every morn; My chalice with a dew-drop I would wet. so that your giory on my beart were worn; Pd blow to you all day until you set. Then sleep and dream of you till day were

Hyou the moon were and I were the sea.

If you a miner within a summer dell;
If delig to you things that never human word

rasing the sweetest music ever heard,

With such a thrilling ecstasy could tell;

Until your soul were caught within its spell:

If you a mortal were and I a bird,

POETRY.

(Original.)

VOU AND I.

on were and I were the sea.

lifed the sun were, I a violet, -J. A. Edgerton.

A WOMAN. 60d did not make her very wise, But carved a strangeness round her mouth; appl her great sorrow in her eyes, And softeness for men's souls in drouth, - face, for all to see,

meseal of awful tragedy. god did not make her very fair and white and lithe and strange and sweet; A sabile fragrance in her hair, A siender swiftness in her feet. n her hands a slow careas. od made these for my steadfastness.

sed did not give to her a heart, In make men long to muse apart Catil they goodness find and grace. and think to read and worship there All good; yet she is scarcely fair.

TRUTH. Train is the corner-stone whereon All inings are builded that endure; ad. Self-create, sutbroned thereon, His universe is held secure.

frum was before the pleiads were; Before they shone it shined afar; reative suergy, astir. Found Light in Truth-God's central star. within the heavens, where Law doth dwell. omnipresent, stamps its trace;

Beyond Despair's abysmal hell, It compasses God's hiding place. is it the universe doth find All limitations and expanse; Infinitude is Truth's advance.

-M. Sheffey-Peters. THE BIRD'S PETITION.

Deep in leafy woodland bowers, Bright with undergrowth of flowers, O'er the dappled mead and pool, and in tangled lanes most cool, ipe the tarostle, flach and lark From the dewy dawn to dark, And they pipe, and never tire, Songs as sweet as love's desire.

Oft to me they seem to sing, On the branch or on the wing; If you leave us space and eky We will pipe for your delight, Fipe and make the days more bright; But in narrow case confined Song is sials by joy unkind.

Honor, then, our wide domain, Break not little hearts with pain; od, who made the mercy day, Gare to us o .r roundelay; And like honey-laden bee Or like wild winds, made us free; Leave, then, leave us to our song, Woods and meads and flowers among." aries Lusted, in the Gentleman's Magazine.

WHAT IT COSTS TO GOLF. He bought two gaudy scarlet coats" ued, with green collars:

The golf club that he joined was large, Established well and thrifty; dir his fee, in good pard cash. He next put up a 50.

His brassey, cleaks and putter fine, Theelab with water to drive, The bay, the oalls and other sticke, Cost nearly 25. With shoes broad-soled with hobealls filled

Renext his feet bedecks; them he gave up in exchange A crisp, new green-back X For sundries, like a code of rules, White paint, a rubber tee,

ad books to tell him how to play. le dropped at least a, V. At last he started out one day,

Anias he nit the fence— Ge: " some one beard the caddle say "Hapiaya like 30 canta!"

-Obleago Times-Herald.

A LONG DAY. Pathinking all this day she may be dead "-heboly-laden child that slumward hies-Secares I took away her bis of bread. he'd tid it in the wall close by her head, she could reach it easily as she lies; a thinking all this day she may be dead age I took away her bit of bread, wan l'd choked; for since goodby we said-M then the cold was dark before suprisenaing all this day she may be dead. ere's a penny at last, and now, instead, ting the v-ry biggest roll it buys, the I took away her bit of bread, to her, that's listening safe in bed, Yet till I've seen her with my eyes Binking all this day she may be dead, "Jane Barlow, in the Atherseum.

TO A BLACKBIRD.

Sable-con ed, golden-throated, Well-spring of content; Bird or anger, God's evangel, Sirely thou wert sent
from Heaven's portals down to mortals its sweetness and completeness As 'tis felt above.

bup and quiet-ne wild riot Like the tark's is thine; Pull and tender, thou dost render Tay lows song divine; And her spirit and mine hear it, Abswering to its call.

ills sweetness and completeness Love is all in all!

Hedderwick Browne, in Chambers's

lady who learned in the ballet a steps highly graceful to dailet show bills was known As M'lle Fatfarone;

-Washington Star. Behold the girl of early spring, She cometh oft down town.

To show her '99 shirt waist, With stripes all up and down. —Chicago Tribune.
He was a doubtful colonel here—

If you the much washenever we should meet; I'd yearn to you, whenever we should meet; and when the storm-slouds bid your face from me, rath against my rooky bounds I'd beat; But when you smiled again and heaven were rd build a shining pathway for your feet,

omission of some act that seems afterward a simple and natural one. People will do the wildest things to secure their own escape, somelimes even to compass that of others, but the one needful and apparently obvious course is

"Not so strange, perhaps," said Cambridge.
who is by way of being a small poet; "In all departments of life the secret of distinction is the cuitivation of the obvious."

" What a pity it is that no one has thought of enitivating you!" growled Chandos, who is the kind of man to whom a commonplace becomes none the less uninteresting for being stood upon its head. It is a fact that Cambridge, for all his paradox, is the most " predictable " talker in the club. Given the subject, his remarks could be reported in advance. Cambridge does not suspect this, as he possesses a blind man's painful knack of feeling his way along high roads worn dusty by the thousand pedestrians that have preceded him.

than any aviary of modern songbirds. Tupper would have ranked beside him, but for metrical

an interval, continued.

"Oronds have been known to stand by and let

It was with rather a better heart that Chandos one day some years later, when Maty was nearly seven years old. Uncle Jin's bitthday was nearly seven years old. Uncle Jin's bitthday was papened to come on a holiday, when he could come to me, although his height to come on a holiday, when he could come to me.

happens to be the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of this tale. He was an international water-poleist, and a fair all-round change of the hero of the fireplace, and now, putting the her hand on his arm, said very exception, where he was an international water-poleist, and a fair all-round change of the hero of the fireplace, and now, putting the her hand on his arm, said very exception, which is a continuous change of the hero of the fireplace, and now, putting the her hand on his arm, said very exception, where he had on his arm, said very exception that the hero of the fireplace, and now, putting the her had on his arm, said very exception that the hero of the fireplace, and now, putting the hero of the fireplace, and now, putting the hero of the fireplace of lative. He read little, but loved to hear books fatal blow.
and notions discussed; sporting talk bored him "Whateve lative. He read little, but loved to near books and blooms and notions discussed; sporting talk bored him share been all that this world contains and notions discussed; sporting talk bored him share been alert shift the doctor, "I swear that you have acted like a brave man."

"Whatever your share in this may have been," selzing her. "That was what it said in Bert's Since she, for whom those once to me were dear now writing book!" It was a motto. Why Can have no part of them now with me here? and hard headed; instead he was absent minded like a brave man."

"I was reading," said Chandos. "We had enHere the hands of the clock reached half-past the fact that he possessed a marveilous memory tered the tunnel, but I did not know it. I had the possessed a marveilous memory tered the tunnel, but I did not know it. I had the possessed a marveilous memory tered the tunnel, but I did not know it. I had the possessed a marveilous memory tered the tunnel, but I did not know it. I had seven; and, after the good-nights had been said, the bad, for example, the local time-table by forgotten where I was, and who was with me.

Mary slowly made her way upstairs, sure that eart), made some think that in him a successful literary man had been spoiled. I walked home that night with Chandos, and got nearer to save people." knowing him than I had done before. Onone "Yes, yes," knowing him than I had done before. On one subject, that I had believed to the subject, that I had been physical courage, I persuaded, half forced Chandos to sit down.

There was a great joilification at the breakfast table, but a trial was in store for Mary. Just as found him morbidly self-introspective. He was more atraid of fear than any man I had ever met. We had talked so much about accidents, and it all came back to me there in the dark. I had been more atraid of fear than any man I had ever met. His self-respect, which was considerable, seemed nothing but those talks in my mind—not even "Mary. I didn't tell you, did I? Powlis Dais "Accident and Golonists; can make themselves "Mary. I didn't tell you, did I? Powlis Dais "Accident and Golonists; can make themselves "Mary. I didn't tell you, did I? Powlis Dais "Accident and Golonists; can make themselves "Mary. I didn't tell you, did I? Powlis Dais "Accident and Golonists; can make themselves "Mary. I didn't tell you." more atraid of fear than any man I had ever met.

His self-respect, which was considerable, seemed nothing but those talks in my mind—not even that he was brave, a point which he admitted that I had common sense."

It all came dark to me that it my mind—not even nothing but those talks in my mind—not even nothing but those talks had never been brought to the test. He saked for my opinion. I answered iruthinly that I be-

small children to fend for themselves, I cannot help, however, putting myself in their shoes. I picture their feelings the day afterward. Think what it must be to discover not only that you are a coward, but that you have been one all your life. What arrears of saif-contempt would have to be made up! There was nothing like that, you know, in the old times. If a man was a coward he know it, had learned the truth by degrees, and had become used to it. Nowadays the information comes in one hideous flash, and

ever put to these fearful tests," said I, "why

failing from great heights, yet thousands are haunted by the dread of it all their days. What was said tonight," he continued,

"gives me hops that the modern man is not such a funk as he seems, only more stupid. He gets flurried, and cannot think of simple things. I swear, if ever I get into a mess, I will rack my brain until I can think of something utterly commonplace."

"A' Knight of the Obvious," I replied, little thinking how soon my companion would be given a cnance of winning his spurs.

whose line, as every one knows, runs through the Beil Tunnel, which is nearly two miles long. It is perhaps the darkest tunnel in England, the line making a curve so sharp that daylight is lost sight of immediately. There are but two ness, should be as safe as any two miles in the railway system. Nevertheless, it was the seen of a bad accideded. An up train, stopping in the tonnel at no great distance from the entrance, was run into by another. Chandos was in the second train, and at the time of the catastrophe was absorbed in his newspaper. A second after the shock he was seated upon the floor picking a splinter of glass out of his head and smiling containedly. The lights had been extinguished, but upon the palpable darkness Chandos could read the words, "the obvious," almost as plainly as if they had been thrown by limelight upon a sheet, "We are none of us really injured," I suppose a voice had said, and half a dozen people, some of them dablously, had pronounced themselves unnurt. They were getting out, these people, toward to deal them. They were getting out, these people, toward them dollously, had pronounced themselves unnurt. They were getting out, these people, toward them dollously, had pronounced chemselves unnurt. They were getting out, these people, toward them dollously, had pronounced themselves unnurt. They were getting out, these people, toward them dollously, had pronounced chemselves unnurt. They were getting out, these people, toward them dollously, had pronounced chemselves unnurt. They were getting out, these people, toward them dollously, had pronounced chemselves unnurt. They were getting out, these people, toward them dollously, had pronounced themselves unnurt. They were getting out, these people, toward them dollously, had pronounced themselves unnurt. They were getting out, these people, toward them done the calcium carbide now largely make the twice again ("without saking, it without saking, it with to have been tumbleay."

I wisht I was a drate big king.

I'd bring my mamma here;

Pa says she's up'ere in the skies.

An'en he calis me run.

I wisht I was a drate big king.

I'd bring my mamma here;

Pa says she's up'ere in the skies,

An'en he calis me run.

I wisht I was a drate big king.

I'd bring my mamma her ness, should be as safe as any two miles in the Panting it. 'Twas only just a shred,
there she's weak, and if she starves and dies,
train, and at the time of the catastrophe was abdifferent purpose, prepared to follow them. As he left the compartment, a plece of glass from a

from college for nis vacation, "I'm going to we gain a slow, regular dripping. The noise was gan a slow, regular dripping. The noise was comfortable!" As he spoke he poked up three to have pillows in the hammock, then settled hope pillows in the hammock, then settled chandes attogether, but it continued after he had come for quite a while, with horrid persistence.

Once upon the lines, Chandes set himself to Once upon the lines, Chandes set himself to this lines jacket. "I shall sit here,' the nearer exit. The plan he was carrying out the decarring that had come to him as he sat upon the carriage floor. Starting with the assumption that in every orists there is a manifest duty which no one sees, and whose neglect has dire consequences, he had arrived, by a process of consequences, he had arrived, by a process of that the minute traverse the tunnel's length and the must traverse the tunnel's length and traverse the tunnel's length and the must traverse the tunnel's length and the must traverse the tunnel's length and the must traverse the tunnel's length and traverse the tunnel's length and the must traverse the tunnel's length and traverse the tunnel's length and the line. There was an one from the attic, though why any one should plange into the debris of the collision, would be thrown off the line. There was an original to the cast to explain.

The pillows bounced out on the grass, as he contained to the manufacture of this mean dapper. "May I give him more." she presently whis pounting how, opening a new biscuit or Alice, said, "Certainly, dear." In was lost the registration of its would do under the right moment.

"May I give him more." she presently whis his the

when their first irrational calm was broken, the Jack- " She faitered; for the tears would come Uncle Jim flads that Miss Phylins loves him as

Mary's baby mind, he found, was tormented be flattening them on to the line. For shelter with doubts as to whather Jack could live on a men began to rush to the tunnel wall or to the penny a day; and she thought it very cruel for footboard of the wrecked train. A few ran bim to have so little, if, as the book plainly helplessly from side to side. Chandos kept stated, he couldn't work any faster.

"You could not be expected to know that, pen to know Jack," he continued gravely. "And ir," said the signsiman. will you believe it? That child very soon got to Chandos had known it, only in the excitement earning two pounters a day! Fast, ma'ami" he had forgotten that he had a wonderful mem. "He kissed the small face, now all smiles, and would have ranked beside him, but for metrical originality. His matter was all right. There was nothing fresh there,"

"The trouble with modern Shaksperes," said the president, "is not that they lack obviousness, but that they are re: visible."

"All the had an acknown it, only in the excitation in the statement of the had a wonderful mem. Set her down in the daisied grass to play with the kittens, then resettled himself to his reading. But they are re: visible."

"He kissed the small face, now all smiles, and set hor down in the daisied grass to play with the kittens, then resettled himself to his reading. But for mother than the had not been conscious of fear. Possibly those others who had rushed to and from the sheets to dry in the back yard, she was but the same thing. That familias had smazed to see a thick volume ("Mother Goose,") "We were talking about panies," said the could say the same thing. Their families had journalist. "All that is original in man seems to been paralyzed by the creatful bappenings. Bo, land in a cherry tree, and to see, on looking knew that, and made Mr. Tupman (the most ties, he and the rest; originals, departures from around at the house, Uncle Jim's face at the open nursery window, wearing a somewhat mis-

I want now to tell you about what happened That looks on tempests, and is never staken:

death. Not another soul was found in the comparison of their way."

I would take the vows, for one," said Chandos. "I am sure that the order would be a very good thing."

Just then she caught a glimpse, through the half-open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, which half open library door, of Uncle Jim's face, w good thing."

I made a chaffing comment, but found to my surprise that Chandos was quite serious. He surprise that Chandos was quite serious. He mistaken the ship?"

"Goostant! You could not have mistaken the ship?"

"Good God, man!" cried the doctor, springing might be, and found the birthday gilt more interesting to think about. But presently her attention to the shoulder.

"Good God, man!" cried the doctor, springing might be, and found the birthday gilt more interesting to think about. But presently her attention to the shoulder.

"Good God, man!" cried the doctor, springing might be, and found the birthday gilt more interesting to think about. But presently her attention to the shoulder. was rather a character, this man, and a word about many not be amiss, particularly as he forward, and taking Chandes by the shoulder; the pair in the library. The sport of floods, which would themselves the tention wandered again to the pair in the library. The sport of floods, which would themselves the tention wandered again to the pair in the library. The sport of floods, which would themselves the tention wandered again to the pair in the library. The sport of floods, which would themselves the tention wandered again to the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The sport of floods which would themselves the profit of the pair in the library. The pair in the library is the pair in the library in the pair in

They ought not be allowed to sell newspapers. Uncle Jim would feel happy again when he get

he received it. He even smiled broadly.

been locking over my old dolls and to the middle of July. As not to the middle of July. As not to the middle of July. As not to pected to yield 100 pounds of roses every morn with them before I packed them away again. Don't you think it would be nicer to play out of that from three quarters of a ton to a ton and a that from three quarters of a ton to a ton and a contract of the procuping a contract of the middle of July.

broken window ish upon the shi and broke into from college for his vacation, "I'm going to be gan a slow, regular dripping. The noise was

dow, looking at the new moon and thinking of her brother's happiness, then softly drew the curiains, and turning to the bedside, 'smiled to see that Mary, too, was fast asleep.—Uhristian

BRILLIANTS.

To feel the universe my home, To have before my mind-instead-O' the sick room, the mortal strife, The turmoil for a little bresth-The pure eternal course of life. Thus feeling, gazing, let me grow Composed, refreshed, ennabled, clear, Than willing let my spirit go To work or wait elsewhere or bers.

And round the pebbly beaches far and wide I heard the first wave of the rising tide Bush onward with uninterrupted sweep; A voice out of the silenes of the deep.

A sound mysteriously multiplied As of a cataract from the monatain's side, Or roar of winds upon a wooded steep. So comes to us at times, from the unknown And inaccessible solitudes of being.

And inspirations that we deem our own Of things beyond our reason or control.

Oh, not it is an ever fixed mark,.

-W. Drummond.

NOTES AND QUERIES.

SURVEYING BY MEASUREMENT OF SOUND. device at least could be thought of it we were to Mary went to the "party"; but, footien child make reasonable progress in such a country. that she was, wrought herself up into a state of cold, trembilar dread before she and Alice be an improvement on the voice and carry reached Mrs. Dale's gate. They walked primly proceeding the path, between borders of box, and while sunny-haired Alice locked all about in glad antical siderable. For long shots blank cartridges unight

Den't you think it would be nieer to play out of doors?" The little girls thought it would, and a smile crept into Myra's serious face.

"But, first," said Miss Fhyilis ("And her voic was so dear, mother!" explained Mary, when she went to bed that night), "first, won't you gallon copper stills, and on repeated distillation copper stills, and on repeated distillation to the color of the voic state of the copper stills, and on repeated distillation copper stills, and on repeated distillation to the color of the voic state of the color of the color of the voic state of the color of the colo tions, the otto rises as a soum on the water, and

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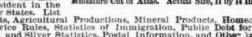
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prehend that for which also I am 13 Brethren, I count not myself to

6 Be careful¹⁸ for nothing every thing by prayer and tion, with thanksgiving, let have apprehended: but this one things I do, forgetting those things 1 do, forgetting those things which are behind, and reaching forth | sons in passeth all understanding, al

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di her true name was Sallet McNallet.

Took sugar in his rye; But now he reads his title clear The colonel in the sky. -Atlanta Constitution.

A Knight of the Obvious. In the billiard room at the local club one night we were discussing panies. A recent catastrophe at a music hall had brought the subject forward. There was nothing novel in the ques-tion, or, perhaps, in our banding of it, but sub-sequent happenings made the conversation mem-orable. "What strikes ma," said I, " about all these affairs is that the loss of life is due to the omission of some say that sagms afterward a

'Take literature, for instance," he continued. A relish for the obvious is the qualification for immortality. Snakepere utters more platitudes

come to the surface in moments of peril. Dickens apparently, had his own. They were all fantasbrainless of all bis characters) hit out quite a their every-day selves.

open nursery window, clever line for himself when Mr. Pickwick went "In times of peril, the high road to distinction chievous expression." through the ice. Mr. Tupman, we are told, 'ran across the country at his times of parti, the night road to distinction is the pathway of the obvious," he repeated.

Admit impediments. Love is not icve, good," she sollicquized, shaking her head de
Which alters when it alteration finds;

finds you with the mental habits of a brave man. Your attitude toward yourself then is that of a hero regarding a poltroon."
"As but a very inconsiderable minority are

trouble about the matter?"
"Very few," said Chandos, "lose their lives by

It came about in this wise. Chandos travels to town every day by the West London Railway, lines of metals, and the place, despite the darkbroken window fell upon the sill and proke into

oped the distracted multitude like an atmos-phere. They felt it in their faces, at the backs of their necks, while the weight of it seer straight on, the comparative clearness of the course now enabling him to make good progress though his sensation was that of being swept round and round in a whiripool of sound. Suddenly the clatter rushed up into a shriek. The noise became localized, and far away down the line there was the shock of a collision. (Chandos was quite clear of the trains by this time. It did not take him long to reach dealight, and to you like best."

Sute0, he couldn't work any faster.

"You see," said Unele Jim, confidentially, "it was this way. In the country where Jack lived a penny bought ever so many more things than we can get with it. Bless your heart, little love! Why, with a penny, Jack could buy a beautiful blue suit of clothes," (Mary opened; her eyes to their widest extent), "and a big mince pie, a did not take him long to reach dealight and to you like best." was quite crear of the trains by this time. It did not take him long to reach daylight, and to climb into the signal box, where he learned that there was no down train due. The carriages that were wrecked would in the ordinary course have farnished the next train back.

The course of train trains of the property of the populate, and then I hap-

geneers, was unable to perform the task.

The sound came from everywhere. It envel-

sir," said the signalman.

Fire!" with all his might."

No one made a remark, and the journalist, after and his offence had been one of commission only, one o' dese er tantrums!" in which case he had done no practical barm. the means of rescus were easy and to hand. This, I suspect, is not occasioned by e-filousness, or even by cowardice. The sudden crisis has caused a vast accession of originality. The minds of the attackers of a subject of blood upset him less than it did the other attackers of a common at the cetalis of a thousand fantastic rescues. Such a common place as the stretching out of a hand or the throwing of a rope occurs to no one."

"You should found an order of knighthood," and entire the first accident, and left to bleed to the first accident, and left to the first accident, and left to the day in the jolity, old, rambling the bead with the jolity, old, rambling the day in the jolity, old, rambling the day in the jolity, old, rambling the bead with the jolity, old, rambling the bead with the jolity, old, rambling the bead with the jolity, old, rambling the day in the jolity, old, rambling the plants and selects and small nieces and small nieces and small

deruers, and, until he reached home, he spoke no and she couldn't go alone." further word .- The Sketch.

YOUTHS' DEPARTMENT.

THE WEE ONE'S WISHES. I wisht I was a drate big king. The bigges' ever see: 'En nights 'at wasn't Tris'mas eve I'd make 'em Hallow R'en. "See here, you, pa! " I'd say,

" Now you jus' dare to call me in When I go out to play! " I wisht A king! I wisht I was a drate big king, I'd buy some tickets so
'At I could see the circus, an'

I dess I'd let pa go. But of he made me study at My jogerfy I jus'
Would leave him home, 'tause like as not He'd aggervate an' fuss-I wisht I was A king!

I wisht I was a drate big king I know what I'd do with A boy 'at always chases me, His name is Bobby Smith! I'd buy a big perliceman's club, A dog, an' 'en a gun, An' 'en I'd say to Bobby Smith, "You dasn't make me run!" I wisht

Then the accident happened—and I wanted to save people."

"Yes, yes," said the surgeon. He had half

seen. Hacle Jim's face quite heightened up when soned

sunny-haired Airce locked all about in glad anticipation, Mary reached dolefully for the knocker and gave two timid raps.

It was all so different from what she had thought it would be. In the first place, such a sweet-faced young lady epened the door. Her hair was dark brown, and parted smoothly over a beautiful white brow. Her eyes were blue, and looked somehow like Uncle Jim's—hat is, Uncle Jim's when he was jolly,—they were full of such a kindly, dancing light! She didn't look very pretty till she smilled; but "then she looked, oh, so pretty!" as Alice told mother afterward.

so pretty! " as Alice told mother afterward. "I'm so glad you came!" she said. "I've been locking over my old dolls and toys lacely, to the middle of July. An acre of plants is ex-

when their first irrational calm was broken, the flereest of strugglers. Chandos found himself tossed about like a cork, swept from one side to the other, and, had it not been for his almost physical grasp of his object, he would have been carried back altogether. On a sudden the river ceased to flow. A high monaing that quickly deepened announced thatanother train had entered the tunnel. Neither exit being in sight, the ear, and the ear alone, had to locate the danger, and the ear, the least trustworthy of our intelligencers, was unable to perform the task.

She latered; for the tears would come like a baby, only two years old, pernapy, like Alice, before ner addred Uncle Jim, who never laughed at her, ond always remembered to save his nutcally like a baby, only two years old, pernapy, like Alice, before ner addred Uncle Jim, who never laughed at her, and always remembered to save his nutcally like a baby, only two years old, pernapy, like Alice, before ner addred Uncle Jim, who never laughed at her, and always remembered to save his nutcally like a baby, only two years old, pernapy, like Alice, before ner addred Uncle Jim, who never laughed at her, and always remembered to save his nutcally like a baby, only two years old, pernapy, like Alice, before ner addred Uncle Jim, who never laughed at her addred Uncle Jim, and then you can call her 'Aunt Phylits.'"

Mary was highly delighted, and wanted to wake nalice to tell her the good news at once.

"It was what nurse read us," robbed Mary.

"The see-saw one." And so, bit by bit, Uncle Jim's wife, and then you can call her 'Aunt Phylits.'"

Mary was highly delighted, and wanted to wake nalice to tell her the good news at once.

"The see-saw one." And so, bit by bit, Uncle Jim's wife, and then you can call her 'Aunt Phylits.'"

Mary was highly delighted, and water a like to tell for her brother said to wake nalice to tell her the good news at once.

"The see-saw one." And so, bit by bit, Uncle Jim's wife, and then you can call her 'Aunt Phylits.'"

Mary was highly

-Mit;bew Arnold.

The rushing of the sea-tides of the soul;

Let me not to the marriage of true minds Or bends, with the remover to remove:

"Why!" thought Mary, a sudden inspiration For what doth serve all that this world contains

and Jerry and intic Alice and the others.

"Surveyor": Sound is supposed to travel at the rate of 1090 feet per second, and the calculable but a trial way in store for Mary. Just as lation is believed to be as applicable to a cry by There is nothing to be gained by continuing for my opinion. I answered irruthfully that I between the story. It is not a very pleasant one to tell I wanted him to possess quite a creditable share or pinck.

"Bo I think," he replied simply, "or I don't know that I should care to walk about. When I that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add that, when his foars were confirmed about him. I may add the circum an undedued impression that and she couldn't go alone."

Fortunately, the moito must be made at once. So for a white Mary's fears were postponed, as laborlously, but with great care, she printed and colored and framed in pink (still her favorits color) the sage advice, "Donot cros the bridge than expression to the color to it."

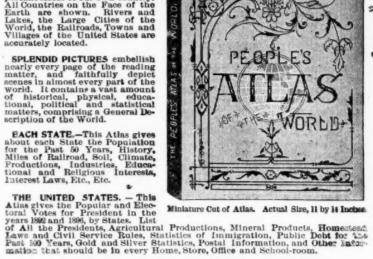
May be and to three to five times at each station by the sacertaining both direction and distance. Testing the method on open ground it never diffused more than expression to the bridge than expression to the property of th til you com to it." It was finished to her satis-the averages of the two methods would probably faction by dinner time, and just as she had fore-be about the same. Our experience gave us great

Come to It.

to say how many of the biscuits he ale.

"I've been studying your motice all day, Mary,"
"Now," said Uncie Jim, who was just home said he. "That's why I'm here." But Mary's sufficient volume to make a large and bright

venture to that nery region on such a day Uacle plange into the debris of the collision, would certainly be thrown off the line. There was an optical nearly due, but this, presumably, would have the signal against it. There was nothing starting about the sheme, but, to Chandor, this was its great charm. He would not in an every-day way, and show that by catastrophed in the could be neither stimulated nor depressed. In all that vast throng he was (possibly) the only one whose equals pulses allowed him to he quite ordinary, the only man with faculties. The reaction of the pian, however, presented difficulties. The human river with while. All the time he was bathing the same were composed of persons whose first thought had been that nothing very particular. These were composed of persons whose first thought had been that nothing very particular, way. It was noticed that these peopls became, way. It was noticed that these peopls became, way. It was noticed that these peopls became, was a start of the cat to explain. The pillows bounced out on the grass, as he left the himmock, and went into the bouse and left the himmock, and went into the house and persons whose first the himmock, and then went himself and the point of the pian, however, presented office in the proposed of persons whose first thought had been that nothing very particular had happened, and that their release could wait way. It was noticed that these peopls became, way and the antice was not not many the plant of the pian, however, presented to the control of the pian, however, presented to the pian that he present the proposed of persons whose first the him the present the proposed of persons whose first thread the present the pian that the present that this disting the list



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THE HORSE.

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Only a few years ago the idea prevailed quite generally that a fast race-winning must be a long-geared, slabsided creature, utterly worthless as a roadster or general-purpose animal, and of no earthly use except to pull a gig" from three to five fast miles in an afternoon, with intervals of rest between the trials. Even now there are those who believe that it is impossible to find any antmal which combines extreme speed at the trot with all the qualities which the ideal road horse must have.

Horses which possess all these qualities are not plenty, yet there are such, and Bingen, whose likeness appears above, is one of them. His color is a very dark | mahogany bay, bordering on a brown. He stands 15.27 hands high, and weighs not far from 1075 pounds. He is so well proportioned so compactly made and so highly finished that at first glance most horsemen would be likely to estimate his height and weight considerably less than they actually are. The likeness is reproduced from a photograph taken by a member of the BREEDER staff. It gives a very good idea of the conformation of Bingen, but does not flatter him in the least. He is one of the smoothest-turned, most evenly muscled and cleanest-limbed horses that the writer has ever examined.

Bingen has a clean-cut head, quite fine at the muzzle from a front view, but of a good width between the eyes, then tapering gradually to the ears. It has ample room for brains. His countenance, when he is at rest, indicates a pleasant, even temper and contented disposition under all ordivary conditions. Yet there is an unmistakable expression of great courage in his eye, which one familiar with equine physiognomy can but observe. His neck is only of medium length, but it is clean at the throttle, with the windpipe well detached, and is very strong at the base, where it unites with the shoulders. It is just such a neck as is always found on a stallion of wonderful vigor and unusual power. He rises well at the withers, and his shoulders, which are of the oblique or well-slanting pattern, are heavily clothed with muscle.

His barrel is of medium length and well ribbed up. His back is short and strong, his loin heavily muscled and very strongly and smoothly coupled to long roundly turned and slightly drooping hips. demonstrated merit. In his yearling form from the day he was foaled. He is evidently bought that day by his present owner, J. days after his race at Readville Bingen was His eroup is beautifully rounded and Bingen trotted a quarter in 35 seconds. Mr. one of the most contented horses under all Maicolm Forbes, for \$8000. The fol-started in the Transylvania Stake at Lexwith muscle, which with his strong back him the best young prospect that was and loin gives him immense propelling shown him in that State. Mr. Leavitt power. His barrel is deep, both through bought the colt for \$2500, and Mr. E. the heart and flanks. He has firmly knit, H. Greely of Elisworth, Me, became an an hour, as when at home in his own stall. meeting at Lexington, Ky., and started trainer Titer, Mr. Geers did so, but sound joints, strong, clean limbs and good equal partner in the deal. The colt was Since his regular track work was begun under favorable conditions, he could beat the colt was off, and was drawn in the feet. He has plenty of bone and substance and the bone is of excellent quality. His Maine by Mr. Greely, who met him at Bosmuscles are of very fine grain, dry and hard, ton. Mr. Greely jogged him on the road as much so as those of any horse we have until the track was in shape, after which he ever seen. His general appearance indi- gave him some track work. In the meancates a horse of great muscular power and time, a few mares were mated with him, year old. He had speed enough to win all remarkable endurance. Any expert horse- several of which produced foals. On the man would be impressed with this at first Fourth of July Mr. Greely drove Bingen, glance, even if he did not know the horse. then a two-year-old, an exhibition mile in He is a model of power, strong at every 2.30 on the Ellsworth (Me.) track. point, with not a perceptible weak spot in his entire makeup.

city, proprietor of Lookout Farm, Natick. Electioneer. His dam was the famous trotting mare May Queen (record 2.20). May Queen was also known as Nashville Girl. Her sire was Alexander's Norman, and her dam, Jennie, was by Crockett's Arabian. The latter was by the imported Arabian stallion Mokhladi, and out Kate Crockett (dam of Lulu, 2 15), by imported Hooten; next dam, Mary Blaine, by Texas, a thoroughbred son of Lance, and he by American Eclipse

The dam of Bingen is Young Miss, and her sire is Young Jim, a very handsome blood-like son of George Wilkes. Young Jim has the distinction of being one of the four stallions that are each credited with three trotters that have taken records in 2.10 or better. Only four stallions have ever sired this number of 2 10 trotters. Bingen's second dam was Miss Mambrino, and she was by Red Wilkes, the most successful son of George Wilkes as a sire of 2 30 record speed, and the greatest brood-mare sire of his age in the world. The third dam of Bingen was Miss Clark. Her sire was Airic, and he was by the successful sire of speed, Almont, a son of Alexander's Abdal-

The dam of Airic was Queen Lizzle, by Mambrino Chief; second dam by Crusader, son of Blackburn's Whip, and third dam by Hancock's Hamiltonian, a thorough bred son of Hamilntonian, by imported Diomed. The fourth dam of Bingen was Kate, by the distinguished brood mare sire Clark Chief, which got the dams of Martha Wilkes (2.08), Phallas (2.132), etc. Bingen's fifth dam was Lida, a registered thoroughbred daughter of Vandal, by imported Gleneoe; his sixth dam by imported Envoy: seventh dam by Bertrand, son of Sir Archy; eighth dam by imported Karakooka; ninth dam by imported Diomed; tenth dam, imported Old Hope, by Volunteer; eleventh dam by Herod, the most famous sire of racers in England in his day, and twelfth dam by such a son of Snip, by the world-renowned Flying Childers.

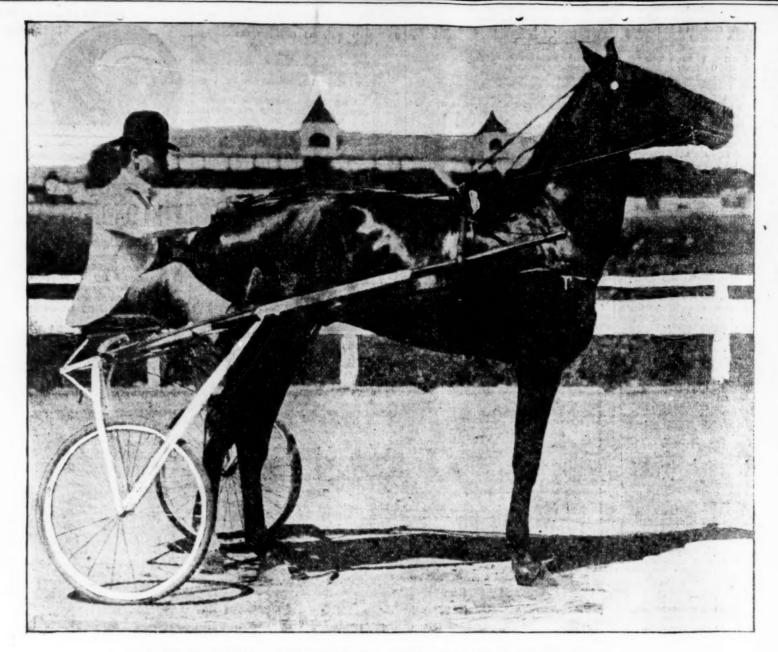
This is a strong pedigree. It is strong both in trotting and thoroughbred lines, and those lines come through individuals of

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brought North that winter, and taken to Bingen has been trained by Henry Titer.

Mass. May King was by the renowned Mystic. Bingen was as indifferent to the won the two-year-old stake at Mystic Park 2.122, 2 151. He started again at Readville, 2.18. He started next at Rigby Park, Aug.

now, and for several several seasons past, head trainer at Forbes Farm, Ponkapog. Bingen was started in five races as a two of them hands down, but was unsteady His first start was at Fleetwood Park, Aug. 27, 1895. He was distanced 20. Bingen stood 2, 2, 3 in the summary.

Bingen was sent to Ponkapog soon after the Rigby meeting and wintered there.

In the spring of 1896 Bingen did a limited amount of stud service and was then put in times, which handicapped him, training. He was started in five races that season. The first was at Rigby Park, Aug. Some time after the trial named above in the first beat, but not for lack The time of the winner in these heats was of speed or staying qualities. The follow- 2.132, 2.141, 2.18. He was started at Read-Mr. Greely brought the colt by boat to Bos- ing week he won a race at Lewiston, Me., ville, Aug. 26, but the track did not suit him. strange sights and sounds of the city as Sept. 25, trotting the second heat in 2.24 Oct. 2, but a losing break in the second heat | 23, in the 2.12 class and won, taking first,

tail is well set. His quarters George W. Leavitt of this city saw the colt circumstances that ever lived. Shipping lowing week, Oct. 1, he won a race at ington, Ky., but the colt was no. quite himgaskins are abundantly supplied that fall while in Kentucky, and cons'dered him by rail or boat does not worry or dis- Rigby Park in 2.232, 2.192. During that self. Trainer Titer ask. the master r. insthe world's two-year-old trotting record, but fourth heat. The following week, driven Mr. Forbes did not care to run the risk, so by Mr. Titer, Bingen won tae three-year-old trot at the Lexington (Ky.) meeting, taking first, third and fourth heats in 2.131, 2.151, 2.15. Ont of five starts that season he won first money twice and second once. He

made a season in the stud, and was not started in 1897.

Last year Bingen went into training early single failure; positively safe; longest cases happiness to hundreds of women; never had a and was started in his first race of 18 98 at relieved in 5 days; price \$2. DR. BRADFORD Dover, N. H., July 28. It was the 2.13 trot CO., Room 4, 54 West Twenty-third-st., New Bingen was bred by A. Smith McCann, Lexington, Ky., and foaled the property of Earn which he could get to help take the cott and his equipments to Mystic Park, he shred by Mr. Charles Whittemore of this owned by Mr. Charles Whittemore of this could be the cott behind through second in 2.25, and was a close second in the winner out in 2.19½ the first heat, won the cott behind through second in 2.25, and was a close second in the cott behind through second in 2.25, and was a close second in the second first money there, of Lookout Farm Natick.

The won first and second heats easily to beat 2.20. This race was on Sept. 2. He won first and second heats easily in 2.19½, but a bad break in the cott and his equipments to Mystic Park, he hird heat in 2.19½ the first heat, won the second in 2.25, and was a close second in the second in 2.25, and was a close second in the second first money there, of the winner out in 2.19½ the first heat in 2.12½, and showed ability to beat 2.20. This race was on Sept. 2. He won first and second heats easily in 2.19½, but a bad break in the third heat left him behind the first at the finish. His next start was at Rigby Park, he willed heat the third heat in 2.12½, and was a close second in the second in 2.25½, and was a close second in the second first heat in 2.12½, and showed ability to beat 2.20. This race was on Sept. 2. He won first and second heats easily in 2.19½, 2.15½, but a bad break in the coil decide the event. Bingen got second more withing the first heat was at Rigby Park, he third heat in 2.12½, and was a close second in the second more within the coil decide the event. Bingen got second more within the coil decide the event. Bingen got second in 2.29½, and was a close second in the second more within the coil decide the event. Bingen got second more within the coil decide the event. Bingen got second more within the coil decide the event. Bingen got second in the second more within the coil decide the event. Bingen got second in the second more within the coil decide the and there were seven starters. Squeezer the city to Henry Titer's stable at third heat, the time of which was 2.19%. He taking first, third and fifth heats in 2.12%, spectively, and was second the last heat in though he had always encountered them pulled to a walk at the finish. He was placed him behind the flag again. Six third and fourth heats in 2.092, 2.11, 2.10.

The fourth heat in 2.10 showed that he had plenty of endurance as well as speed. He met a field of eight others at Readville, Aug. 29. He won the second heat in 2 09½ and got second money. At Hartford, Ct., Sept. 9, he won the 2.13 trot, taking first, fourth and fifth heats in 2.09½, 2.10½, 2.12½. At Rigby Park, Sept. 14, he won in straight heats; time, 2 08½, 2.10½, 2.08½. At Readville, Sept. 20, he won first and third heats in the 2.10 class, time 2.10½, 2.12 respectively, and got second money.

From Readville Bingen was shipped to Louisville, Ky., where he was started Sept. 26 in a field of nine in the 2.11 class. He won the first heat in 2.06½, going to the half in 1.02 and was pulled up at the finish. Good judges believe that he could have trotted that heat in 2.05. He lost the next two heats in 2.07½, 2.10½, won the fourth in 2.09½, lost the next in 2.12. but won the sixth and deciding heat in 2.11½.

Oot. 10 he started in the 2.13 class at Lexington, Ky. There were eight others, and among them were John Nolan, Ragle Flannigan, Grattan Boy, Pilatus, Dione, Caracalla, etc. The first neat was won by Esgle-Flannigan in 2.07½, and Bingen finished second. It was evident that the unfavorable weather had affected him unfavorably, for he was not in as good form as he was at Louisville, and stood fifth in the summary at the close of the race.

Five days after the above race he started again at Lexington in the 2.11 class. The Abbott won in straight heats, time, 2.15. 2.08, 2.08½. Bingen finished second in the last heat and got fourth money.

Bingen was never in better condition at this season of the year than at present. He was on exhibition at the Horse Show last week, where he competed in several classes and received the highest award in each of them. Those who have driven him enough to test his merits pronounce him one of the best of roadsters. He is fearless, a free, excent details to help

and received the nignest award in case of them. Those who have driven him enough to test his merits pronounce him one of the best of roadsters. He is fearless, a free, cheerful driver, and attends strictly to business all the time. After all his fast miles, Bingen is as sound, smooth and free from blemishes today as when fosled. No horse can show cleaner limbs and joints or sounder feet than he. This is a great credit both to the horse and his careful trainer, Mr. Titer. Bingen will be campaigned again this season, and if no accident befalls him we shall be disappointed if he does not take a faster record than now stands to the credit of any trotting stallion. He now holds the stallion record of the Electioneer family, and only one other trotting stallion in the world has ever beaten his present mark. THE DOG.

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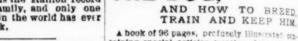
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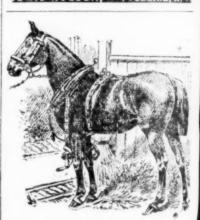
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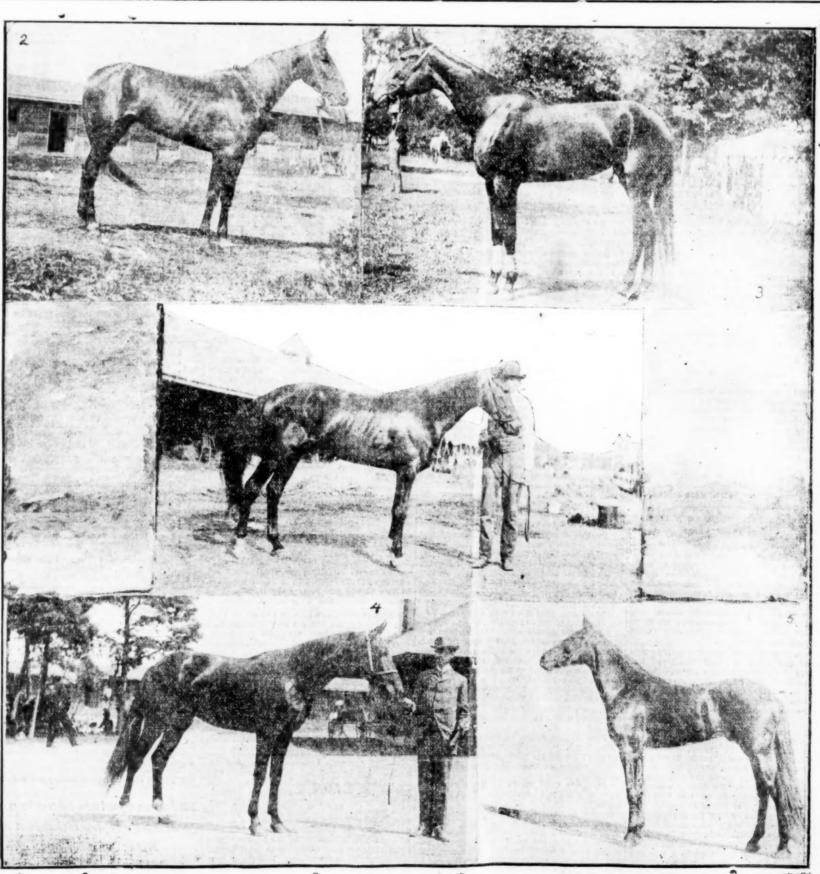
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